

The



CHEMIST AND DRUGGIST

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OCTOBER 24, 1936

Annual Subscription (with
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a Personality
and a Consistent Sale*

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LOVELINESS lasts in a healthy skin...

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TO CARRY THESE BOLD,
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Has a melting point below body temperature.

Prolonged use does not retard the proper action of the pores of the skin nor induce hair growth.

6 oz. Opal pots 2/9 each
(Wholesale price 21/- doz.)



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The formula of this preparation is based on the latest investigation of skin fats.

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A foundation cream in white only.

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Pots, De Luxe
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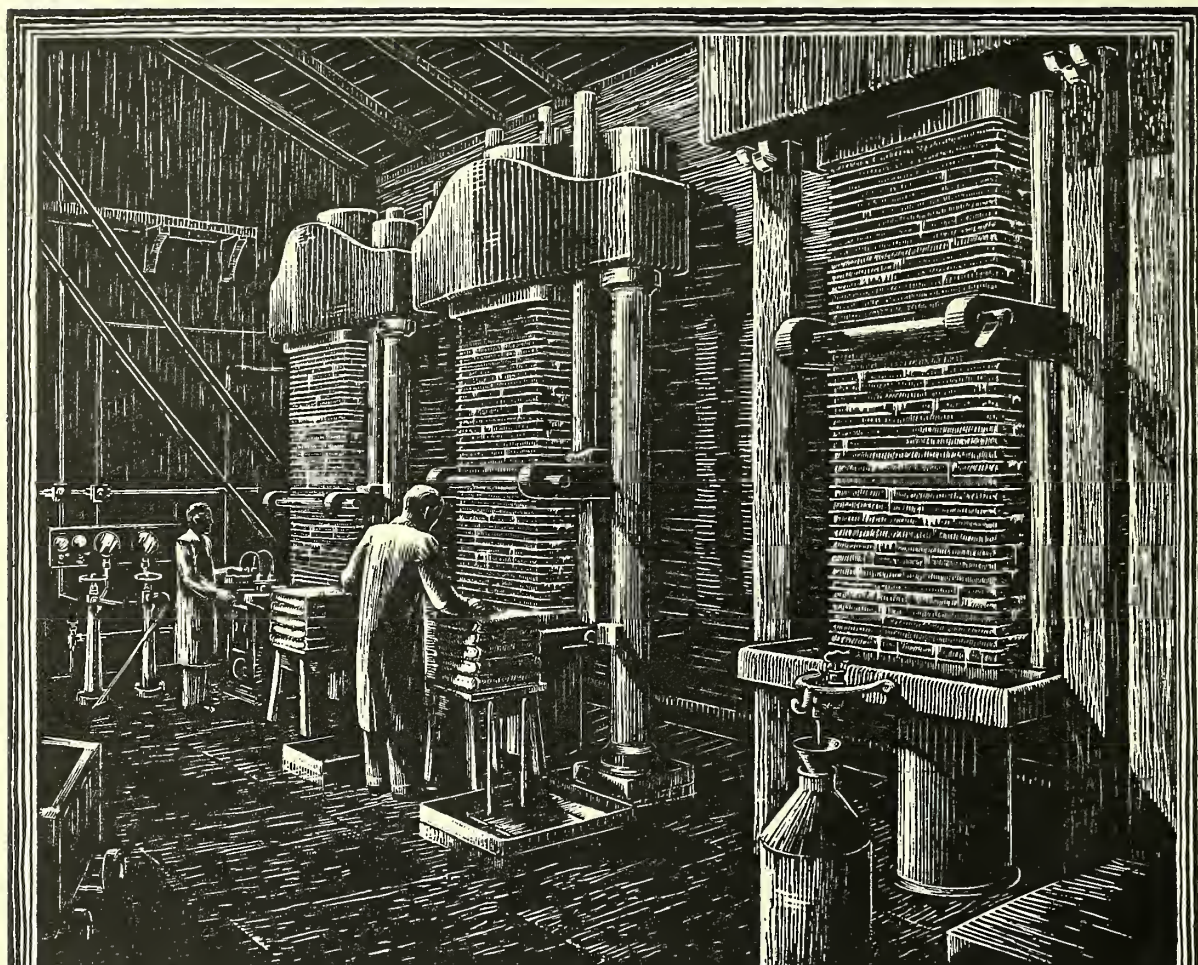
Over 20,000

women will test these new preparations

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The common cold is still the chemist's most constant "money spinner." Penetrol Inhalant and Tablets are in demand throughout the whole year, but more especially during the winter months. The coming winter is expected to be severe and the demand for Penetrol will be larger than usual. Window Shows and Counter Displays of Penetrol will quickly show a profitable return. When ordering Penetrol ask for extra show material for special displays.

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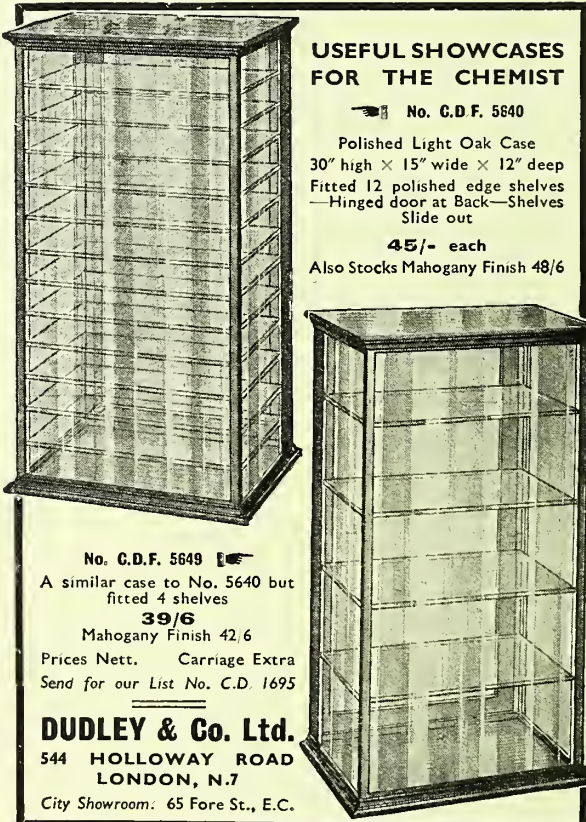
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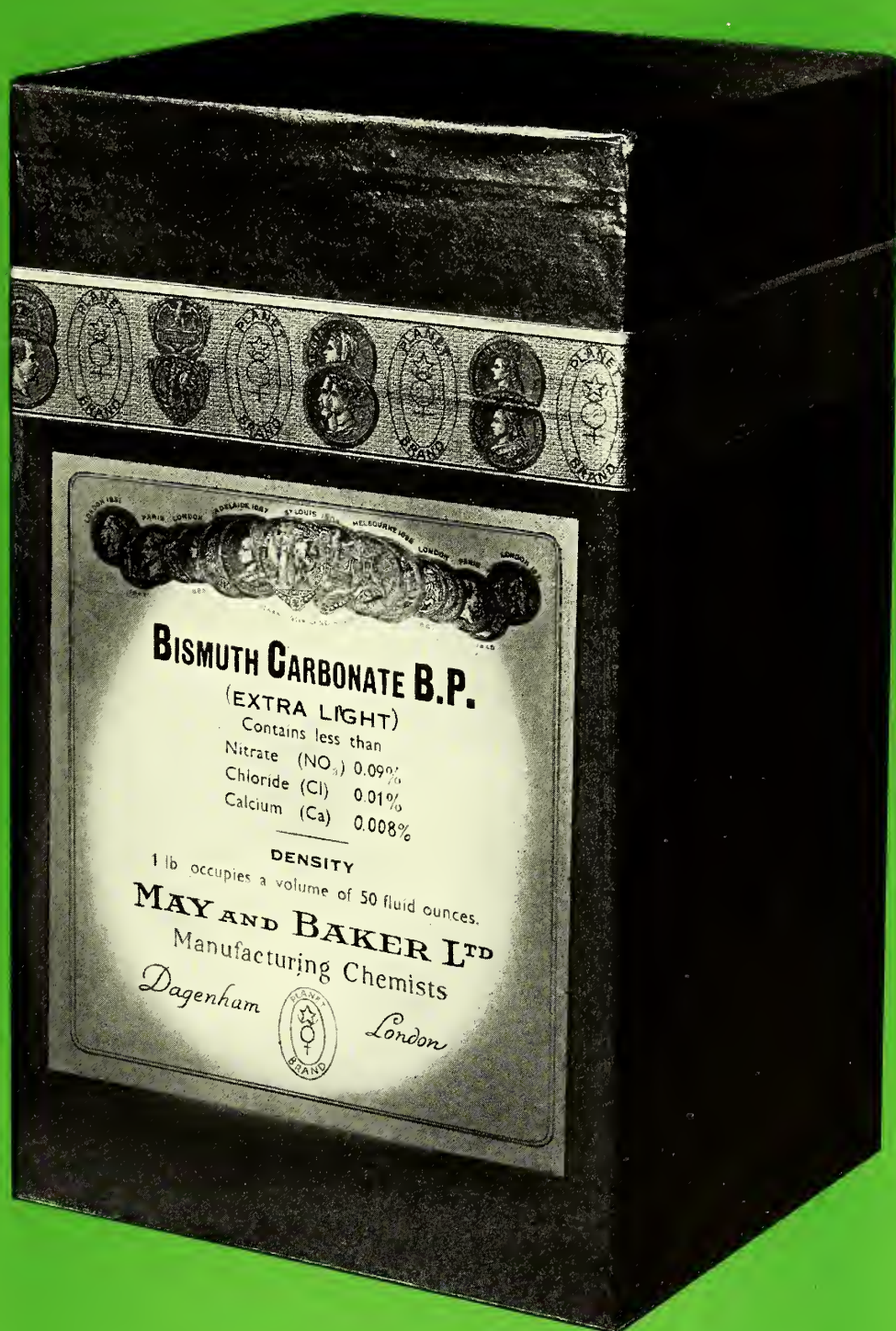
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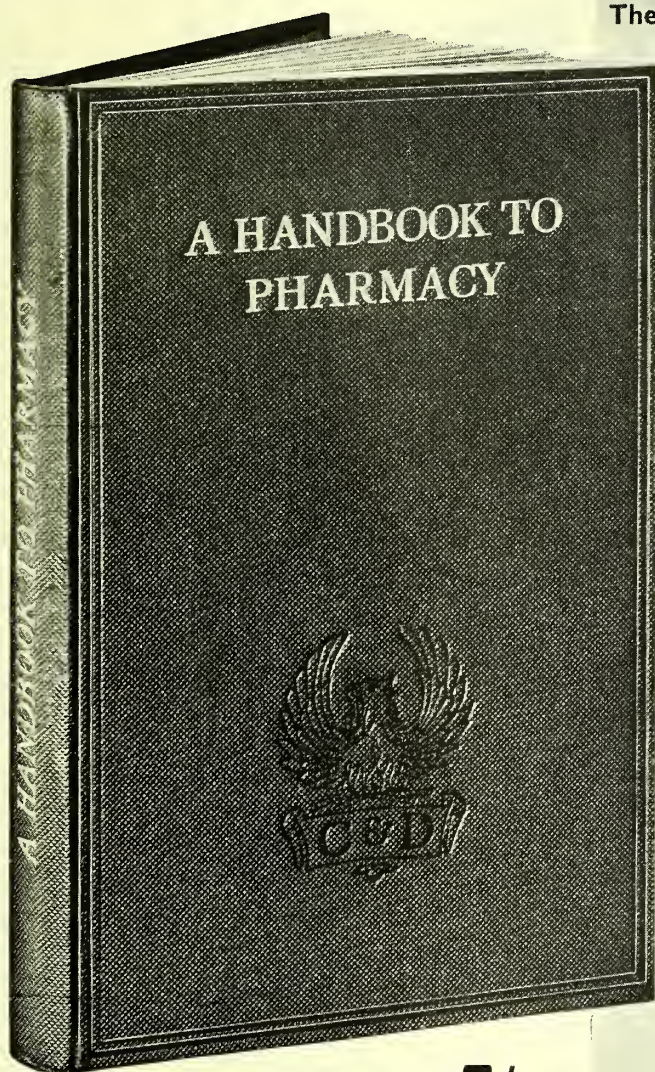
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Ref. 3603. A charming casket containing six tablets of Peerless Erasmic Soap (three Purple and three Opal White). A very reliable proposition. 3/-.



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Ref. 3612



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themselves*

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Elegant presentation — opens up wide market. Ref. 777. Gloria, Peerless, Elite, Summer Bloom — assorted if required. Gold Stand with each 2 dozen. 1/- per flacon.

The Ideal Xmas Gifts

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REGD.

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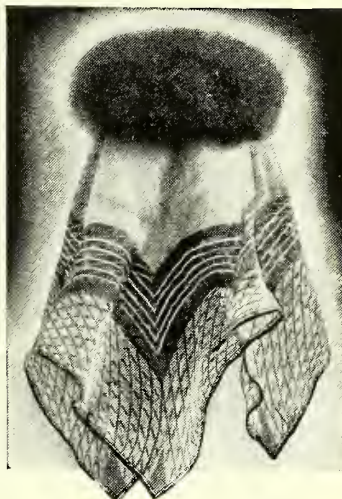
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Look to your stocks and be sure of your share of profits from this new wonder shaving cream.

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THE RAZOR READY BRUSHLESS SHAVING CREAM
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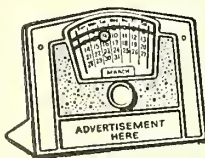
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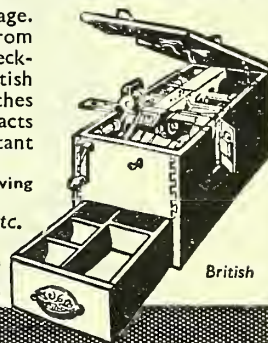
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No. 19. "FIVE MINUTE" SET
Smart bakelite cases in six pastel shades — blue, pink, yellow, green, light green and red. One of the largest all the year round sellers, safe to stock regularly.

Price 5/-

45/- dozen



No. 27. "TRAVELLING" SET

Fine pig grain leather pochette, snap fastening, in three colours, beige, black and brown. Has look and feel of quality and is outstanding value and style.

Price 6/6

76/6 dozen



No. 71. "CLUB KIT"

New beautiful leather wallet, zip fastening, in five colours, blue, red, green, brown and black. A de luxe present with full sized bottles of all necessary manicure items.

Price 17/6

156/- dozen

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BONUS OFFER FOR GUARANTEED DISPLAY

If perchance you have not sent in your Order, forward it at once, as the Bonus definitely closes **November 15th**. Briefly the **free goods** given are :

6 × 9d. and 3 × 1/6 assorted liquid polishes, value 9/- on 50/- orders, less display allowance of 5%.

12 × 9d. and 6 × 1/6 assorted liquid polishes, value 18/- on 100/- orders, less display allowance of 7½%.

A word about the **new** Cutex "smoky" polishes. These glamorous shades are as follows:

| | |
|------------|---------------------------------------|
| MAUVE | A misty lavender pink |
| RUST | Pink with an undertone of brown |
| LIGHT RUST | A paler rust with a golden undertone |
| OLD ROSE | A dusky rose |
| ROBIN RED | A new softer red that anyone can wear |

These are all supplied in 9d. and 1/6 sizes. Resultant upon display and editorial comment a tremendous demand for which has already set in.

Sole Selling & Distributing Agents :

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211-215 Blackfriars Road, LONDON, S.E.1



Winter means chapped hands, rough skin and increased demand for Beetham's Larola. Display and link up with our winter advertising. This special display stand free on application to:

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NATIONAL ADVERTISING

establishes THIS
NEW PUFF
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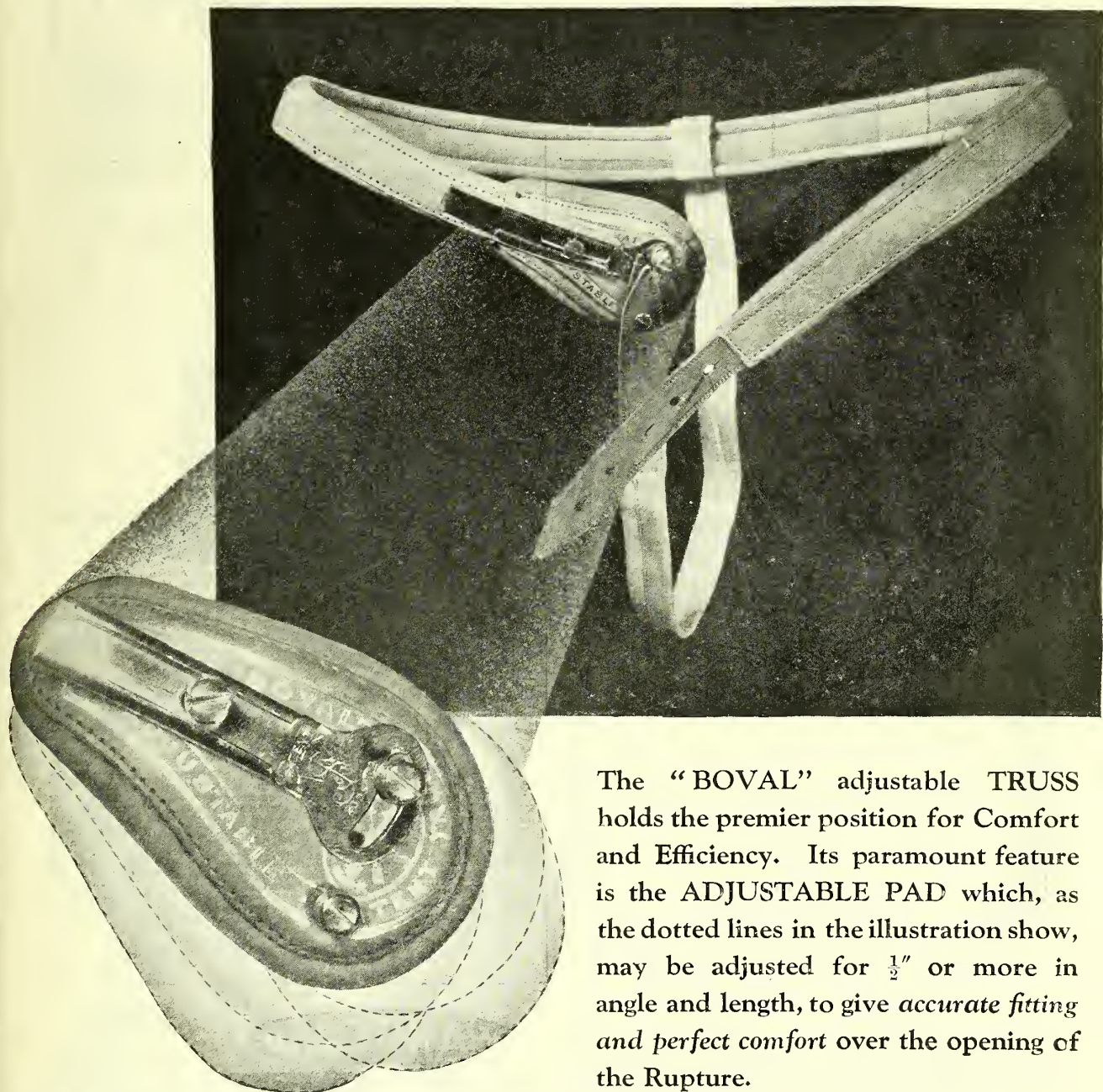
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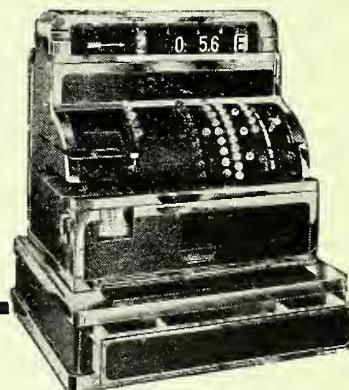
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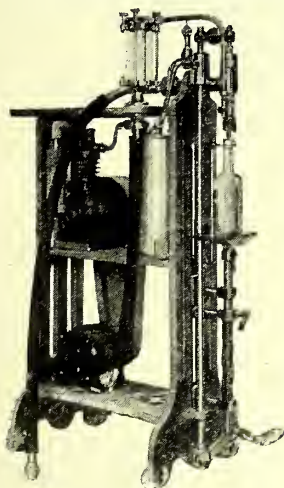


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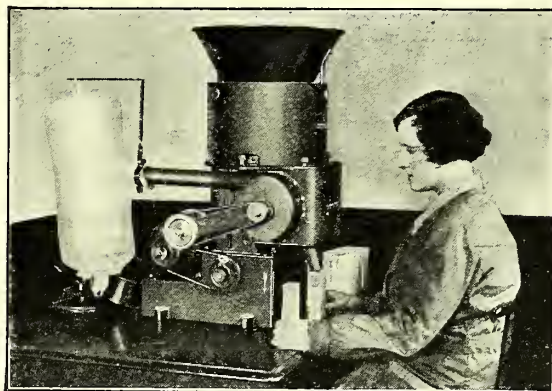
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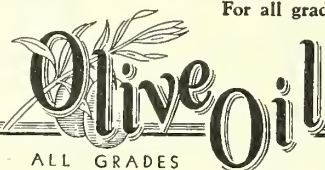
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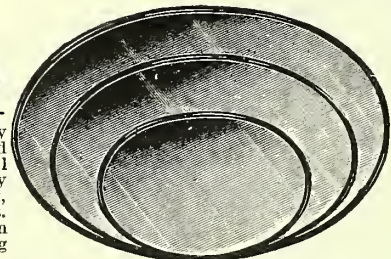
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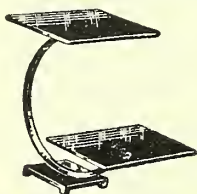
| Height | Brown Bronze Finish | Chromium Plate Finish |
|--------|---------------------|-----------------------|
| 9-in. | 1/3 each | 2/6 each |
| 12-in. | 1/6 " | 3/- " |
| 15-in. | 1/9 " | 3/9 " |
| 18-in. | 2/3 " | 4/6 " |
| 21-in. | 2/9 " | 5/3 " |
| 24-in. | 3/3 " | 6/- " |
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| 18" x 12" | 28/- " | 51/- " |
| 20" x 15" | 45/- " | 63/- " |
| 24" x 18" | 52/- " | 87/- " |

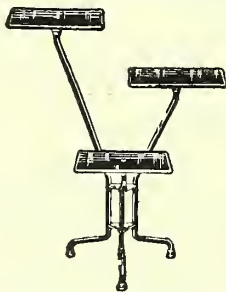
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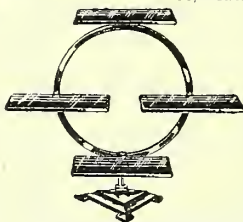
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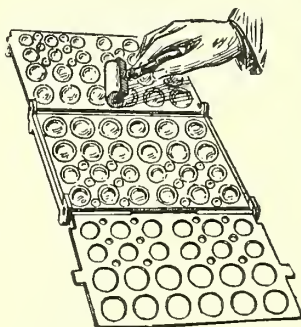
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News of the Week

Trade with India

In view of the fact that negotiations are now in progress between His Majesty's Government in the United Kingdom and the Government of India for the conclusion of a Trade Agreement in replacement of that concluded at Ottawa in 1932, and which is due to terminate on November 13, 1936, it has been agreed by the two Governments that, pending the conclusion of the new Agreement, the 1932 Agreement shall continue in force subject to termination at three months' notice by either side unless it is replaced by a new Agreement. It has been further agreed that, in the event of failure to conclude a new Agreement, neither party shall withdraw the existing preferences without prior consultation with the other party.

Rebate of Spirit Duty

We have received the following letter, dated October 20, from the Secretary, Custom House, London, E.C.3:—

"... I am directed by the Commissioners of Customs and Excise to inform you that, in future, attenuations of homœopathic tinctures recognised by them as being used for medical purposes will be admitted to a rebate of spirit duty under Section 4 of the Finance Act, 1918, as extended by Section 4 of the Finance Act, 1920, up to and including the third decimal dilution."

Staff Trading

At the recent half-yearly meeting of the Association of British Chambers of Commerce at Cardiff, the following resolution was passed unanimously:—

"This Association reiterates concern at the continued growth of trading in factories, workshops and offices by employees who retail such commodities as tobacco, sweets, hosiery, clothing, fancy goods, etc., and urges the Executive Council of the Association to consider methods of dealing with the matter."

The resolution was supported by Mr. T. Edward Lescher, chairman of the Liverpool Chamber of Commerce and of the British Pharmaceutical Conference.

Sessional Events

Following a hot-pot supper at Seymour Meads Café, Bolton, on October 15, a lecture was given to about fifty members and students of the Bolton and District Chemists' Association by Mr. W. Deacon on "The Romance and Manufacture of Perfumes." The lecturer illustrated his remarks with original lantern slides, mostly coloured. The annual presentation of prizes to the successful students followed. Mr. Deacon, in presenting them, gave a stimulating address to the students, in which he declared that to-day scholarship, and not influence, was the chief passport to promotion. The successful students were as follows:—Prize for a paper set by Mr. H. Brindle, Manchester, W. Sykes. Branch prize for highest aggregate of marks in the part-time courses for Bolton students, W. Sykes; second, W. Jones, Horwich. Prize for the highest marks in the "Pharmaceutical Journal" analytical tournament, W. Jones. First prize in the first-year courses, W. Chambers. Mr. F. Brindle, Ph.C., presided, and at the close a vote of thanks to Mr. Deacon was moved by Mr. W. Rothwell, Ph.C.

A well-attended meeting of the Aberdare and Merthyr branch of the Pharmaceutical Society was held at Aberdare on October 15, the president (Mr. I. L. Richards) in the chair, supported by several past-presidents. Mr. J. F. McNeal (a member of the Society's Council) addressed members on "Pharmaceutical Legislation, Past, Present and Future." In 1813 the Association of Apothecaries prepared a Bill, he said, which was opposed by various bodies, among whom were the chemists and druggists. After a clause was inserted that nothing in the Act should in any way affect the trade or business of a chemist and druggist in buying, compounding, dispensing or vending drugs and medicines compounded, by wholesale or retail, opposition was withdrawn. In 1830 another attempt was made to obtain a Bill, but it proved abortive. A parliamentary inquiry in 1839 to revise the laws relating to the medical profession raised the question of the right of chemists and druggists to prescribe and dispense. In 1841 a Bill was introduced. The ground upon which opposition to the Bill by other bodies was made had reference to the amount of professional qualification. No systematic education and examination existed. Hence the formation of the Society. In 1847 a deputation from the council of the Society pressed the Secretary of State for legislation to implement the Charter. As a result, the Act of 1852 came into existence. In 1857 a Bill which advocated the colouring of poisons with indigo or soot was withdrawn after opposition organised by the chemists. Mr. McNeal outlined the remaining events in the history of pharmaceutical legislation to date. Asked if there was any danger of conflicting evidence being brought forward at the patent medicine duty inquiry, the speaker expressed the hope that the Society and the N.P.U. would compare notes and present one case. Asked the present constitution of the Council, and if the number of retail members had increased, Mr. McNeal replied that retail representation had increased. Asked if there was any likelihood of the Society undertaking inspection under the D.D.A., he replied that it was derogatory that this work should be done by others when the Society was quite capable of doing it. A supper followed the meeting.

Huddersfield

A large gathering of Huddersfield pharmacists' assistants and apprentices listened to a lecture by Dr. Kahn on "Gas and Anti-Gas Measures." The chief constable and the head of the transport department were guests. Dr. Kahn said the Geneva Protocol was not a guarantee against the use of gas. The danger from gas attacks depended almost entirely on the range, accuracy and speed of the aircraft. With this active side H.M. Forces would deal. Civilians were concerned with precautionary measures. Poison gases were classed in four groups: Lung, nose, tear, and blistering. Chlorine and carbonyl chloride were lung gases. The respirator was efficient against both. The nose irritants were mainly arsenical compounds which, having no smell, were detected only by their action and reactions. The respirator was again an effective protection, but the effects of the gas might develop after the mask has been fixed in position, thus leading the wearer to believe that it was not. If the gas condensed on food it might lead to arsenical poisoning. The tear gases were solids and liquids, the liquids being cyanide compounds. The solid form had very little after-effect, hence its use in quelling civilian riots. The effect of the liquid forms was fairly persistent and might last for two or three days, but was not concentrated enough to damage the lungs. The blister gases used were lewisite and mustard gas. The latter was stable, penetrated most materials (e.g., clothes and leather), and was also absorbed by fats. The action was delayed. The respirator protected only eyes and nose and lungs, but protective clothing was required for the whole body. Three types of gas masks were made, the best one, moulded to fit the face, to be used by workers in the essential services, and two cheaper types for the general public. The chief constable issued an invitation to local chemists to visit the gas instruction department in the police offices.

Liverpool

"Present-day Pharmacy" was the theme of Mr. G. L. Clubb's presidential address at the opening meeting of the Liverpool Chemists' Association and Branch on October 15. The speaker dealt with the Chemists' Friends scheme and declared that the multiplication of proprietaries was a most

serious tendency. He suggested the time was ripe for a revival of the pharmacy of former days, when the chemist used his acquired knowledge and experience to make and pack remedies on his own premises. "There is a certain amount of mental exhilaration in selling an article which can only be obtained from our brother chemists, but there is considerably more satisfaction in selling something which we have made ourselves and which customers cannot obtain even from other chemists." The average chemist, whether employer, manager, or assistant, should be a business man, but this need not prevent him from being an ethical one. He would like to see a code of pharmaceutical ethics formulated and taught to qualified and student alike. The new Shops (Sunday Trading Restriction) Act put the N.H.I. chemist in an anomalous position. Under contract to provide qualified service for dispensing during certain hours on Sundays, he was forbidden to employ his qualified manager on two consecutive Sundays. The speaker would not pretend to offer a solution, but thought some form of compulsory rota might be necessary, planned by chemists and local insurance committees working together. Subsequently the branch delegates (Messrs. J. L. Hirst, M. S. Hughes, W. E. Humphreys and W. J. Tristram) related their impressions of the representatives' meetings at Bournemouth. Later, Mr. W. J. Tristram pointed out that a large number of students at the Liverpool City Technical College were studying for the Preliminary Scientific examination, yet there was no pharmaceutical representative on the committee. He suggested that the Branch should take steps to obtain representation. On the suggestion of the chairman, it was agreed that the secretary should write to the town clerk and also inform the secretary of the Society of the action taken.

London

At Marylebone Police Court, on October 13, Hope Brothers, Ltd., Harrow Road, W., were ordered to pay £5 5s. costs for having sold vinegar containing only 2.94 per cent. of acetic acid. It was stated for the defence that the vinegar was sold in bottles as received.

Among Western pharmacists in London the opening meeting of the Western Association's session is always a "reunion." Invariably it takes the form of a supper and whist drive, a pleasant way of preparing for the serious work of the season. So popular is it that at this year's function at Stewart's Restaurant in Old Bond Street on October 15 we encountered a member of the Association and his wife who were celebrating their thirty-ninth attendance. Among the hundred members and friends who were present were many of the past-presidents and officers of the Western Pharmacists' Association and two councillors of the Pharmaceutical Society, Mr. A. R. Melhuish and Mr. J. C. Young. The excellent arrangements for the evening reflect much credit on the new social secretary (Mr. Frank Noble) and his coadjutors. The president (Mr. P. D. Goodwin) took the opportunity during supper to impress upon those present the necessity for full attendance at the various meetings. The successful prize-winners in the whist tournament were: *Ladies*, (1) Mrs. Shrive; (2) Mrs. Tulloch; consolation, Mrs. Damon; hidden number, Mrs. Fox. *Gentlemen*, (1) Mr. H. Coombes; (2) Mr. B. R. Wilkinson; consolation, Mr. Fox; hidden number, Mr. W. E. D. Shircliff.

First among the major events of the Metropolitan pharmaceutical season, the dinner and dance of the South-west London Chemists' Association and Branch, at the Café Royal, Regent Street, London, W.1, on October 21, counted among its 200 guests numerous visitors from other associations and many well-known trade figures. Proposing "The Pharmaceutical Society," Mr. E. Neville Browne (vice-president) referred to the apparent incongruity of having such a toast proposed by a member of the Society, but explained it by saying that in general when the Society is mentioned the average member has in mind the Council. He described the busy life of a councillor. This might mean, for provincial members, five days out of each month for Council business. Members were further in demand to address meetings. Added engagements were the British Pharmaceutical Conference (four days at least) and demands to visit colleges or institutions or arbitrate over the indentures of apprentices. Such services were not always appreciated by ordinary members. He paid a special tribute to the president of the Society (Mr. Marns) as a fellow North-countryman widely travelled and of great natural calm. The president, in reply, spoke of his felicity in having to visit, as his first two dinners of the season, those of

branches of the Society with which he had a strong bond: Newcastle-on-Tyne and South-west London. He congratulated Mr. Browne on his intelligent exposition of the work of a councillor, and prophesied that he would be a future holder of the presidential chair. Pharmaceutical politics were, he thought, best left alone at this dinner, especially as he was booked as the speaker at the next business meeting of the Association. Mr. J. Hearle (a member of the Executive of the National Pharmaceutical Union) proposed "The South-west London Chemists' Association." He was pleased to note the insistence on the word "chemist" in the Association's title. South-west London had been a fruitful training ground for young pharmacists and had produced many councillors; at least one president of the Society; two chairmen (including the first) of the N.P.U., as well as two or three members, until recently, of the Executive; two recent councillors of the P.A.T.A.; while it had been mainly responsible, during the Great War, for founding the "D" Company of the United Artists' Rifles. He referred to the Association's president (Mr. P. H. Woodnoth) as an intellectual or "highbrow" of pharmacy, who had proved himself neither narrow minded nor thin skinned by taking office at a time of popular clamour for more retail representation. Mr. Woodnoth, replying, declared that he was proud to think his Association had realised a retailer was not essential as president, though he had not sought office. He referred with apt tilts to various guests: to Mr. Marns as having learned tact in Malta in refraining from making the Maltese cross; to Mrs. Skinner as president of a body whose motto might well be "No Unbeauteous Women Permitted"; to Mr. Wells as having graduated from Wandsworth to Hanwell; to Mr. Goodwin as taking over "Davy Jones's locker," and so on. Cups and prizes were presented during the evening as follows:—"Wells" cups for sporting events at Barnet in September: *Ladies*, Miss Boyes; *Gentlemen*, Mr. Inglis; president's prizes, *ladies*, Mrs. Boyes (leather helmet); *gentlemen's*, Mr. J. B. James (niblick); quoits, Mr. Birchmore; shooting spoons to members of prize-winning team against N. London: Messrs. Inglis, Garden, Monaghan, Fitch, Brooke, Neville Browne and Watt; "Keall" cup for best individual shot (all-London), Mr. "Angus" Garden.

Manchester

A joint meeting of the Manchester Pharmaceutical Association and Branch of the Pharmaceutical Society was held at the Victoria Hotel on October 15, the Association president (Mr. J. Grier, M.Sc.) in the chair. The chairman referred to the death of Mr. F. W. Bates, a past-president of the Association, and the members stood in silence as a mark of respect to his memory. Mr. H. Brindle, B.Sc., head of the Pharmaceutical Department at the University, reported progress during the year. The Department had again been taxed to the uttermost, and they had to refuse applications from students for admittance to the classes. The University had decided to discontinue the Preliminary Scientific classes, but students could take the Inter. B.Sc. course if they had a Matriculation certificate. The tendency was in this direction. The Association's library was now housed at the University. The following prizes won during the year were presented to the successful students by Mr. R. Hough:—

Hough, Hoseason & Co.'s prize (books value £3 3s.), B.Sc. and Ph.C. course: Pharmaceutical chemistry, J. A. Hesketh.

J. Woolley, Sons & Co.'s prize (books value £3 3s.), B.Sc. and Ph.C. course: Pharmaceutics, Herbert Broadley.

Oldfield, Pattinson & Co.'s prize (£2 2s.), chemist and druggist course: Pharmaceutics, H. Oldham.

T. Kerfoot & Sons' prize (£2 2s.), chemist and druggist course: Pharmacognosy, Kenneth Beard.

Association president's prize (£2 2s.), chemist and druggist course: Pharmaceutical chemistry, H. T. Somerville.

Branch chairman's prize (£2 2s.), Preliminary Scientific and B.Sc. course at the University: shared by W. A. G. Kneale and Ernest Pedley.

Manchester Pharmaceutical Association's prize (£2 2s.), Preliminary Scientific course of Manchester College of Technology: A. L. Wilcock.

Salford Pharmaceutical Association's prize (£2 2s.), Preliminary Scientific course at Salford Royal Technical College: Eric M. Brown.

Silver Medal founded by Mr. James Grier, awarded by the University Senate, B.Sc. and Ph.C. course: Herbert Broadley.

Silver Medal founded by Mr. H. Brindle, awarded by the University Senate, chemist and druggist course: H. T. Somerville.

In an address to the students, Mr. Hough said that as an old student, trained in the Department under Mr. Grier, he had the greatest respect and admiration for the work carried

on there. He congratulated the successful students, and wished them all, whether prize-winners or not, success in their future careers. Votes of thanks to Mr. R. Hough, proposed by Mr. E. Walters, and to the donors of the prizes, proposed by Mr. J. W. Wood, were carried with acclamation.

Mr. Grier, in his presidential address, said that pondering over the problems that confronted pharmacy to-day one soon realised that the important problems were economic. They were not confined to pharmacy, for among the subjects discussed at the recent meetings of the British Association were the changing conditions in the retail trade. Small proprietors were being replaced by salaried managers controlled from centralized headquarters. Another menace to the pharmacist was the supply of packed medicines and drugs to unqualified dealers at popular prices. A new type of wholesaler had come into existence for this purpose, but he thought the 1933 Act would ensure qualified supervision in their production. While the Poisons Rules would make the sale of many proprietary remedies by unqualified traders more difficult, something more seemed necessary. The co-operative store movement affected all traders, and many firms had met the competition by giving their customers bonuses or coupons equivalent in value to the store dividend. This movement would probably affect pharmacists more in the future. It had been predicted that within the next fifty years private traders would cease to exist; by this time national hospitals would replace voluntary hospitals, and medical men and hospital dispensers would become civil servants. In the past wholesalers and retailers had worked in friendly relationship. They had given their best in time and money for the advancement of pharmacy. If they were eliminated it was difficult to believe that a like interest would be taken in the public life of pharmacy by officials and directors of store emporiums. It was surely imperative that members of associations and branches should get together for the purpose of discussing these developments and legislative measures impending or in operation. Dealing with education, Mr. Grier said that the Pharmaceutical Society, in an endeavour to make pharmacy something more than the retailing of packed goods, had included physiology and its concomitant pharmacology in the curriculum, with a corresponding decrease in the amount of pharmacognosy and botany required. Mr. Franklin proposed a vote of thanks to Mr. Grier. Mr. H. Brindle and Mr. W. E. Phillipson reported the proceedings at the Bournemouth Conference.

The prizes won in the various competitions during the season were presented to the successful players by the president of the tennis club (Mr. T. Miller) as follows:—Cupal cup and replicas, Miss V. Sweetnam, Mr. R. B. Maskell; Woolley cup and replicas, Miss L. R. Mitchell, Miss J. Burgess; president's prizes, Mrs. R. B. Maskell, Mr. Ogden; captain's prizes, Mrs. Johnston, Mr. B. Hay; opening tournament, Miss G. Jackson, Mr. T. R. Johnston.

Newcastle

The fortieth annual dinner of the Newcastle, District and Northumberland Branch of the Pharmaceutical Society was held in the Royal Station Hotel, Newcastle-on-Tyne, on October 14, the president (Mr. G. H. M. Graham) in the chair. The guests of honour were the president of the Pharmaceutical Society (Mr. Thomas Marns), Dr. W. Stephenson and Mr. Charles E. Layne. About seventy guests attended. "The Pharmaceutical Society" was proposed by Mr. T. M. Simpson, who touched upon one or two important points that are engaging the attention of pharmacists at the present time. The president of the Society replied, and revealed that he had been born in Sunderland and attended Dunderages School of Pharmacy in Newcastle-on-Tyne in the early part of the century. Mr. A. E. Harris proposed "The Medical Profession," coupling with it the name of Dr. Stephenson, who had a dual qualification in pharmacy and in medicine. He declared that doctors and chemists were being more and more controlled by Orders in Council. Dr. Stephenson, in reply, mentioned that he was also an old student of the old Dunderages School of Pharmacy. He mentioned the names of world-famous Newcastle pharmacists. Mr. Eno, who invented "Fruit Salt," made a donation to the Infirmary of £9,000; Mr. Mawson, who, in collaboration with Mr. Swan, invented the modern photographic dry plate; Sir Joseph Swan, a native of Sunderland, who was for forty years in pharmacy; Mr. Martin, who had worked on the preparation of thyroid gland; and Mr. Maltby Clague, who in conjunction with Sir Thomas Oliver, worked out the electro-

lytic bath for the elimination of lead from the system. Mr. Graham proposed "The Ladies and Visitors," which was replied to by Mr. Layne.

Plymouth

Speaking at the annual meeting of the Plymouth Branch of the National Pharmaceutical Union on the degree of success encountered by the Chemists' Friends scheme, Mr. C. J. Yeates (member of the Executive) declared that in order to appreciate the progress made conditions prior to and subsequent to the coming of the scheme should be compared. Quoting from the minute-book and correspondence of the Branch, he showed that a few years ago members complained bitterly of official formulas being commercialised to patent medicines and of qualified chemists being compelled to sell them, even against their inclination. Gift schemes, coupons, and stunt trading which reduced chemists' shops to the status of hucksters' stalls were instanced, as well as reduction of retail prices by makers without credit being given for stock in the retailer's hands. Licence figures were given showing that for every chemist's shop there were six other traders' shops selling medicines. No effective action could at that time be taken. The coming of the C.F. movement had changed that. It provided an effective means of dealing with each of the cases quoted. When the movement first started it was stated that no firm of standing would place their output under such restriction and control. It was freely predicted that in a few months the scheme would have fizzled out. To-day more than forty firms, including the "cream" of the manufacturing chemists of this country, were on the C.F. List, and others, including national advertisers, had now applied for admission. In spite of misrepresentations, misstatements, and adverse criticisms, the movement at the end of its first year stood solidly founded. Mr. Yeates suggested that by removing from their premises signs or advertisements of preparations which ought to be on the C.F. List and were not there, by declining to promote the sale of such articles and by giving window shows and counter space to C.F. goods, each chemist was helping himself.

Sheffield

The annual meeting of the Sheffield and District Branch of the Pharmaceutical Society was held on October 8 at the King's Head Hotel. Prizes were awarded to the following students:—J. R. Cornish (Stiles prize), R. Sharp, T. White, H. G. Nuttall, W. Mott, C. Patrick, D. W. Slinn, G. Powell, Miss Ada Barrass. The secretary's and treasurer's reports were adopted, the latter showing a balance in hand of £15. The following members were elected for the *Executive*: Messrs. H. Antcliffe, R. Blackburn, W. Bellamy, C. B. Cross, C. W. Hobson, E. Preston, M. H. Robertshaw, and J. H. R. Turner. Messrs. J. Crowe and C. W. Hobson gave a report on the Bournemouth Conference, and a lively discussion followed. It was agreed that the following resolution be sent to the Council from this Branch:—"That, in view of a Pharmacy Bill being prepared within the next two years, this Branch suggests that steps should now be taken to increase the fund for representation."

Miscellaneous

LONG SERVICE AWARDS.—Two members of the staff of The Scholl Manufacturing Co., Ltd., London, E.C.1, have recently completed twenty-one years' service with the company. Mr. R. G. Richardson, secretary, has been presented with a canteen of cutlery from the staff, and a gold watch from Mr. F. J. Scholl, managing director, in recognition of this event; Mr. W. R. Godfrey, of the representative staff, has been presented with a gold wristlet watch by Mr. F. J. Scholl, and was the recipient of a silver cigarette case and lighter from the staff at the annual Scholl dinner.

PUBLIC ASSISTANCE DISPENSING DISPUTE.—At a meeting of the Merthyr Tydfil Public Assistance Committee on October 13 the clerk reported that local chemists had been asked to reduce their fees for dispensing prescriptions, and that three had agreed to a reduction of 25 per cent. The secretary of the local branch of the National Pharmaceutical Union, however, had written to the effect that this concession would violate the terms laid down by that organisation. It was decided, on the recommendation of a subcommittee, that a portion of the dispensing should be done at the surgery.

Irish Notes

Northern Ireland Chemists' Benevolent Fund

A meeting of the Committee of the Northern Ireland Chemists' Benevolent Fund was held at the offices of the Pharmaceutical Society of Northern Ireland, Belfast, on October 15. The following were present:—Messrs. W. C. Tate, J. T. Nicholl, A. Steede, R. A. McEwen, C. Abernethy, R. Linehan, J. Adams, J. R. Guiler, Miss Patterson, and Mr. Fred Storey (secretary *pro tem.*). Apologies for absence were received from Mr. W. S. Taylor and the Misses Laverty, Barry, Lawson and Connolly. It was proposed and seconded that Mr. Storey be chairman. Mr. Storey said he would rather not take this position, but agreed to act as chairman until they got a scheme drawn up. This was unanimously agreed to. On the motion of Mr. Storey, seconded by Mr. Abernethy, Mr. J. T. Nicholl was unanimously elected secretary. Mr. J. McGregor was unanimously elected treasurer.

Brevities

Mr. Samuel Gibson, J.P., the new president of the Pharmaceutical Society of Northern Ireland, has taken part in pharmaceutical politics in the city of Belfast for many years. He was born in the drug trade, his father, the late Mr. Samuel Gibson, having founded a business which grew to large proportions in Mill Street, Belfast, in 1856. When he died in 1883 Mr. Gibson continued the business (which was removed to King Street), and for many years his travellers went up and down throughout Ireland. Early in the present year he decided to retire from business. Mr. Gibson is a past-president of the Chemists' and Druggists' Society of Ireland, and was one of those who gave evidence before the House of Lords Committee in connexion with the passing of the 1890 Act for Ireland. He represents the druggist interests on the Northern Ireland Council, to which he was first elected in 1927, and has already filled the offices of treasurer and vice-president. Mr. Gibson's brother, Mr. W. J. Gibson, was for many years in the drug trade in Belfast, and three of his father's sisters became the wives of druggists. Mr. Gibson is one of the most successful stock-raisers of Northern Ireland, his cattle winning many prizes at agricultural shows.

Mr. S. H. Forrest, Ph.C., the new vice-president of the Pharmaceutical Society of Northern Ireland, is a pharmacist of Bangor,



Mr. S. GIBSON, J.P.



Mr. S. H. FORREST, Ph.C.



Mr. W. MARTIN, Ph.C.

co. Down. His apprenticeship was served at McKinney's at Cookstown, and after a period of service in Dublin he was

appointed manager of Messrs. Balmer's Pharmacy, Bangor, and was also "on the road" for a time. He subsequently opened for himself in Bangor in retail business. Mr. Forrest was first elected to the Society's Council in 1931. Last year he filled the office of treasurer.

Mr. William Martin, Ph.C., the new treasurer of the Pharmaceutical Society of Northern Ireland, served his apprenticeship with Thomas McMullan & Co., Ltd., Belfast, and was afterwards manager of their retail drug department. He commenced business for himself in Old Lodge Road over thirty years ago and later he opened an establishment on the Antrim Road, where he carried on until his retirement, owing to ill health, in 1935. Mr. Martin was formerly secretary of the Chemists' and Druggists' Society of Ireland, and he was president of the Ulster Retail Drug Association (now the Ulster Chemists' Association) in 1934. In the same year he was vice-president of the Pharmaceutical Society.

Mr. Philip A. Brady, M.P.S.I., the new president of the Irish Drug Association, has been in the forefront for several years past in every movement to protect and further the interests of pharmacy, and his election to the chair of the I.D.A. is a deserved tribute for his conscientious work in the old Dublin and Provincial Retail Drug Association and its successor. As secretary of the Dublin Branch of the Photographic Dealers' Association (of which he is now treasurer) he gave much time and energy to promoting the interests of chemist photographic dealers. Mr. Brady comes from Oldcastle, co. Meath. He served his apprenticeship in his native county, and gained further experience in Kerry, Greystones and Dublin. After qualifying in 1917 and while still managing his present pharmacy in Camden Street,



MR. PHILIP A. BRADY.

Dublin (then belonging to the executors of the late G. M. Ryan), Mr. Brady took up the study of medicine at the National University, but was obliged to relinquish his medical

course when he acquired his own business. From 1928 to 1931 he was a member of the Council of the Pharmaceutical Society of Ireland, and rendered notable service as secretary of the Reception Committee for the British Pharmaceutical Conference held in Dublin in 1929. For the past three years Mr. Brady has been vice-president of the trade association.

Scottish Notes

Brevities

Two windows in the premises of Mr. J. A. Anderson, 20 High Street, Crieff, were smashed on October 16 by a flagpole which was blown down.

At the Glasgow Sheriff Court, on October 20, John Kennedy Scotland, L.D.S., was fined £10. with the alternative of sixty days' imprisonment, for having, between May 26 and September 29, procured morphine sulphate from various chemists by presenting fabricated prescriptions bearing the name of a doctor. The accused, it was stated, had obtained notepaper belonging to a doctor and used this in chemist's shops in Glasgow, Dundee, Rutherglen and Carnoustie to obtain the drug.

In the new session at Heriot-Watt College, Edinburgh, seventy-five students have enrolled for one course and thirty-seven for another, an increase of seven and a decrease of six respectively. Over 30 per cent. of the students are from England. Surprise has been expressed in some quarters that the high enrolment figures of recent years have been maintained, and this is taken as reflecting the present difficulty in placing young people in suitable employment upon leaving school.

A communication circulated by the Scottish Distributive Trades Federation states that for some time the retail shop-keeping trades have been threatened with the imposition of Trade Boards, but it would now seem that the "threat," which has, up till now, not been taken too seriously—in Scotland, at least—is about to become a reality. The Minister of Labour has requested all the retail distributive trades in Scotland to appoint one or two representatives to confer with him on the subject in Edinburgh shortly. The Minister has indicated fourteen "main evils" associated with the distributive trades, and suggests as a remedy the formation of Trade Boards. The Federation suggests that traders as a whole believe the only conditions which Trade Boards could affect would be rates of wages and hours of labour, which, it points out, "represent only a fraction of the questions involved."

Topical Reflections

By Xrayser

One of the Disadvantages

of a dean of a college the function of which is to train students for a pharmaceutical career is that he is not a pharmacist with the necessary pharmacist's outlook; and nothing but apprenticeship and actual experience of present-day pharmacy can give it (*C. & D.*, October 17, p. 451). It is not to be wondered at, therefore, that Professor Burn's remedy for the condition in which pharmacy finds itself to-day is, apparently, more training to fit the pharmacist for a professional career—which I am afraid can be followed by only a small percentage of his students, and even then the financial results are not likely to be excessive. But is not the whole educational policy of the Council framed on academic rather than practical lines? And where is it going to lead the craft? Is there anything on the horizon to indicate that in the years to come the professional side of pharmacy will come out on top and the "selling of packed drugs" will take a subordinate position? I confess I cannot see anything. The old-time dispensing is fast going, to be replaced by the ordering of proprietaries. The prices the pharmacist gets for those scripts he does dispense are slowly falling; much of his work is for the N.H.I. and public medical services, and will bring many more to the same level. I am not a pessimist, but unless professional pharmacy is generously diluted with business of the side-line type, I cannot see how the average man can make both ends meet.

The Activities

of the chemical manufacturers of this country have been very noticeable during the last few years to anyone who has a knowledge of the wholesale marketing side of chemicals, both heavy and fine; there seems no doubt that the "buy British" campaign, to mention one cause only, has resulted in a reorganisation of the industry. In many ways it is one that lends itself to the efforts of an organiser much more successfully than do drugs and, particularly, galenicals. The demand for chemicals is much wider and comes from many sections of commerce and industry; the standards are sharply defined; and I understand that the number of firms engaged in the industry is not so large as to make concerted action on all kinds of problems that arise within the trade too difficult of accomplishment. It is true, as you point out, that there is a good deal of competition from abroad, in spite of, in some cases, heavy *ad valorem* duties; but often international agreements or arrangements are entered into which may offset such. The work done on behalf of the industry by the Association of British Chemical Manufacturers in safeguarding its members in connexion with the Pharmacy and Poisons Act is notable; I wish our own Society had the same reputation among pharmacists. It is a pity that the drug and galenical business is not better organised, but there are initial difficulties that are peculiar to it.

Legal Reports

Injunction to Maintain Fixed Prices.—In the Chancery Division of the High Court, London, on October 20, Mr. Justice Luxmoore heard a motion by Scott & Turner, Ltd., Newcastle-upon-Tyne, for an injunction to restrain Mr. Edwin Newell, Hardy Mill Road, Bolton, from selling Andrews Liver Salt at prices less than the minimum retail prices fixed by the plaintiffs. Mr. H. S. G. Buckmaster appeared for the plaintiffs. Mr. Newell, who was not represented by counsel, conducted his own case. Mr. Buckmaster stated that Mr. Newell signed an agreement that he would not sell the plaintiffs' Liver Salt at less than the fixed prices, but he had done so at his shop at Southport. An undertaking not to sell Andrews Liver Salt at less than the fixed prices in future was given by Mr. Newell, who was ordered to pay the costs. It was agreed that the motion be treated as the trial of the action.

New Companies and Company News

P.C. means Private Company and R.O. Registered Office

KINU, LTD. (P.C.).—Capital £100. Objects: To carry on business as chemists, druggists, etc. R.O.: 6 Finsbury Square, E.C.2.

HERBAL CLINICS, LTD. (P.C.).—Capital £1,000. Objects: To carry on the business of herbalists, chemists, etc. The first directors are to be appointed. R.O.: 32 Sackville Street, W.1.

BIRD'S PHARMACY, LTD. (P.C.).—Capital £300. Objects: To carry on the business of chemists, druggists, opticians, etc. R.O.: 52 Marine Drive, Rottingdean, Brighton.

HOLLIDAY & CLARKE, LTD. (P.C.).—Capital £500. Objects: To carry on the business of chemists, druggists, etc. R.O.: 9 Queensbury Circle Parade, Queensbury, Middlesex.

CATALIN, LTD. (P.C.).—Capital £100. Objects: To carry on the business of manufacturers and dealers in chemicals of all kinds, resins, etc. The first directors are not named. Solicitors: Crane & Hawkins, Bush House, Aldwych, W.C.2.

FERKO, LTD. (P.C.).—Capital £200. Objects: To carry on the business of manufacturers of and dealers in biological products, chemicals, drugs, etc. The first directors are to be appointed. Solicitor: F. G. Maw, Amberley House, Norfolk Street, W.C.2.

SHELLEYS' DRUG STORES (BILSTON), LTD. (P.C.).—Capital £100. Objects: To acquire the business of a drug store now carried on by Samuel Shelley, Ltd., at 19 Bank Street, Bradley, Bilston; Selwyn Road, Bilston; and 64 Bull Street, West Bromwich.

B. J. HERBERT (CHEMISTS), LTD. (P.C.).—Capital £200. Objects: To acquire the business of a chemist and photographic dealer now carried on by Bertie J. Herbert at 7 Headstone Drive, Wealdstone, Middlesex, as "Herbert's Cash Drug and Photographic Store."

GLANDULAR THERAPIES, LTD. (P.C.).—Capital £200. Objects: To buy and sell all kinds of preparations, appliances and equipment for treatments of every description, and to manufacture and deal in all kinds of vegetable, animal and mineral substances, etc. R.O.: 14 Took's Court, Cursitor Street, E.C.4.

BRITISH GLYCERINE MANUFACTURERS, LTD. (Public Company).—Capital £150. Objects: To carry on the business of manufacturers of and dealers in glycerin, oils, greases, fatty acids, soap and washing materials, etc. The first directors are to be appointed. Solicitor: Ernest C. Randall, 28 Basinghall Street, E.C.

MEDICINAL INDUSTRIES, LTD. (P.C.).—Capital £100,000. Objects: Wholesale and retail chemists and druggists, manufacturers of and dealers in, chemicals, drugs, medicines, etc. The directors are to be appointed. Solicitors: Clifford-Turner & Co., 11 Old Jewry, E.C.2. According to the "Financial News," Mr. A. W. Phillips, managing director of Aircraft Industries Corporation, Ltd., is to be on the board of the new company.

BRITISH ALKALOIDS, LTD.—Interim dividends of 6 per cent. on the 8 per cent. participating preference shares and 9 per cent. on the ordinary shares.

PHILIP HILL & PARTNERS, LTD.—It is understood to be unlikely that letters of allotment and regret in connexion with the recent issue of 1,250,000 £1 5 per cent. cumulative preference shares at 21s. each, and 1,250,000 5s. ordinary shares at 15s. each will be posted before the coming week-end. The issue has been very heavily oversubscribed.

COMPANIES DISSOLVED.—Notice has been given in "The London Gazette" that the names of the under-mentioned companies have been struck off the register and the companies dissolved: Alexander Remedy Co., Ltd., Bauxite & Chemical Development Syndicate, Ltd., Central Pharmacy (Rossington), Ltd., Clifton Pharmacy, Ltd., Distillery & Chemical Products, Ltd., Homerton Chemists, Ltd., Pharmaceutical Corporation, Ltd.

GENATOSAN, LTD.—Net profits, after income tax, for the year ended June 30 amounted to £65,357, against £64,776 for 1934-35. Ordinary shareholders are to receive a final dividend of 20 per cent., again making 35 per cent. for the year, and allocations are to be made of £5,000 (against £10,000) to general reserve and £10,000 (against £5,000) to writing off expenditure on dental and other preparations. The balance forward is increased from £13,441 to £15,478. In the balance sheet cash, short loan, debtors, stock, and bills receivable total £134,525, against sundry creditors of £56,993.

Voluntary Liquidation

Holmes' Cash Drug Stores, Ltd., Scarborough. The statutory meeting of creditors was held recently at Scarborough when it was reported that the shareholders had passed the usual resolution for the voluntary liquidation of the company and had nominated Mr. T. H. Jackson, C.A., of Scarborough, as liquidator. The statement of affairs showed gross liabilities of £1,299 14s. 5d., of which £703 14s. 5d. was due to unsecured creditors, and £596 represented the issued capital. The assets totalled £809 2s. 7d. or a deficiency of £490 11s. 10d. The company was registered in 1924, with a nominal capital of £1,000, and took over an existing business, the vendor being allotted fully-paid shares as consideration for the assets transferred. In 1932 the turnover was £3,860, with a net profit of £205, and in the following year there was a net profit of £312, on a turnover of £3,375. In 1934, the turnover fell to £3,004, and the net profit went down to £211. In 1935, the turnover still further decreased and amounted to £2,645, and there was a net loss of £39. During the present year there had been a net profit on the trading of £16. In 1932 a branch business was commenced, but that had since been disposed of. Efforts would be made to sell the business as a going concern, and it was hoped that a satisfactory dividend would be paid to the creditors. A resolution was passed confirming the voluntary liquidation of the company with Mr. Jackson as liquidator, a committee was also appointed.

Business Changes

MISS ELIZABETH W. McGETTIGAN, chemist and druggist, has commenced business at 639 Cathcart Road, Glasgow.

BOOTS, LTD., have taken over the business at St. Helen's Road, Bolton, Lancs, of Mr. F. Brindle, Ph.C., who has retired.

LATEWARDS, LTD., chemists, Manchester, have transferred their buying office and warehouse to 55 Colliery Street, Manchester, 11.

MR. W. H. MORTIMER, chemist and druggist, 119A Whitegate Drive, Blackpool, is taking over larger premises at the corner of St. Alban's Road.

WALWORTH PHARMACY, LTD., 283 Walworth Road, London, S.E.17, announce that they are opening new branches in several outlying suburbs before Christmas.

Poisoning by Restricted Drug

AT Greenwich, on October 16 and 19, an inquest was held on the body of Mrs. Edith M. Gange, Victoria Road, Charlton, S.E., who died in the Miller Hospital, Greenwich. The widower said that since about 1923 his wife had been a bad sleeper. She was ordered soneryl by a doctor. She had threatened to take her life.

Chemist's Evidence

Mr. John Jones, chemist and druggist, Church Lane, Charlton, said Mrs. Gange first came to his shop several years ago, and had continued to come regularly since. She said she was taking soneryl tablets for insomnia. The Coroner: When she wanted a fresh supply, did she come to the shop with a fresh prescription?—Up to May this year she came on the old prescription, but under the new Regulations I then told her she would have to have a new prescription supplied by a doctor with the address on it. Witness supplied her with 100 tablets in May, and supplied the last bottle on September 24. The Coroner: Can you produce the prescription?—No. Where is it?—Mrs. Gange had it. How were these tablets ordered on that particular occasion?—They were ordered to be repeated when required. There was no fresh prescription after May. It was fully stated on the bottom of the prescription "to be repeated when required." Replying further to the coroner, he said the tablets were marked "Poison."

The Coroner: When you supplied these tablets on September 24, did it not strike you there should have been a fresh prescription?—When the doctor puts "to be repeated," then the patient holds the prescription, and it is repeated as required. How did you come to sell this bottle without putting any directions on the bottle?—The directions were put on the cardboard carton. Surely that is a very unsafe thing with a cardboard carton. It is taken off and thrown away. Don't you think there should be some directions on the bottle?—It has been the rule all the time I have been in pharmacy to give the label on the outside of the carton. Were there any directions on the prescription as to how they should be taken?—None at all. Witness said he stamped the prescription. Every time he supplied the tablets he put a fresh number on the prescription. He did this in September, and put the repeat number in his book. The Coroner: Do you mean to say you can go on supplying these soneryl tablets year in and year out?—If the doctor says "to be repeated." Without any directions on the bottle?—Well, I always put the directions on the carton. The Coroner: You might just as well write them on a piece of paper and wrap them up in that.—Well, I have explained the reason. Witness said he had seen the Act, and the coroner said he would adjourn the case so that the chemist might bring a copy of the Act to court with his prescription-book. Dr. R. A. Elliott, resident surgical officer of the hospital, said Mrs. Gange was brought there in deep coma. He had no doubt her death was compatible with an overdose of soneryl. He would give a fresh prescription for each supply, and not give one "to be repeated." He would prefer the directions to be put on the bottle, as a wrapping might be destroyed when the package was opened. "I think it is only fair to say," he added, "that all these proprietary things are supplied in a sealed carton."

Pathologist's Evidence

Dr. Arthur Davies, pathologist, who made the *post-mortem* examination, said he found in the gullet and stomach little particles of pink substance which he believed were fragments of the tablets. Mrs. Gange had died from pulmonary oedema after taking and while under the influence of soneryl. Shown the bottle, he said its label stated the substance, the number of tablets and that it was a poison. He added: "The chemist, in his own interests and in the interests of the public, I think, should state on the bottle itself all that is within his information, as given on the prescription." The Coroner: It might be handled by an ignorant person or by a stranger.—Yes. It would have been a wise precaution to have attached

a label on the other flat side bearing all the instructions and the details the chemist has carried out. Would you say that prescription should be revised each time the tablets are supplied?—I should most certainly think that a perpetual order on the chemist for 100 tablets of soneryl is such as might not be to the advantage of a patient or anybody associated with that patient. In other words, it is a dangerous proceeding?—Definitely. I am of the opinion that the pharmaceutical chemist has no other alternative as the law now exists than to allow the patient to retain the prescription, which can then be submitted to another chemist or to himself, as far as I know. There is no limitation, and under such a prescription the chemist would give the patient 100 tablets as prescribed. You mean to say that if you have the prescription, you can go again in six years' time and pick up another 100 tablets?—You can go in six days' time on the same prescription. Surely that is left to the discretion of the chemist?—I do not think so. The chemist has no other responsibility than to carry out accurately that which is prescribed and ordered by a doctor. But if it is a poison?—It is an obligation on him to keep a complete record of the transaction as between him and the patient. Then why write on the prescription "Repeat as required" or "as necessary"?—If there is nothing of that sort on the prescription, it is the obligation of the pharmaceutical chemist to hold the prescription, and the patient would be compelled to go to the doctor again. At this stage the inquest was adjourned.

Summing Up and Verdict

On October 19 Mr. Jones produced his prescription-book and copies of the Act. He said he supplied Mrs. Gange with 100 tablets of soneryl on May 22. The Coroner (quoting from the book): And the doctor's prescription said "Repeat as required"?—Yes. Mr. Jones said he supplied another 100 tablets on August 26, and another on September 24. These were supplied on a telephone request. The Coroner: And I take it you could go on doing that for twenty years unless a new Pharmacy Act came in?—Yes. Let us hope a new Pharmacy Act will come in.—Well, I must comply with the Regulations. The Coroner: The Pharmacy Act, as it is now, allows the doctor to prescribe a narcotic drug in 100 tablets at a time, and he can put on it "Repeat as required" and people can go on for year after year, without having the prescription revised, or checked or supervised, getting the drug. The patient in the meantime might become hopelessly neurotic or might develop suicidal tendencies. It is left at the discretion of the doctor to put the words "repeat as required"?—Yes. "What a pity that a doctor should have that discretion," added the coroner.

Mr. Jones produced a sample cardboard carton in which he said the bottle was put and on the outside of which directions were placed. Asked if he would send out such a bottle again without directions on it he said, "I will take your point and put a label with directions on the bottle in future." The Coroner: I think you are wise. We want to protect the public. The findings of the coroner's court are very often the subject of the Regulations or Acts of the future. He added that Mr. Jones was quite right legally in supplying the tablets, and that his only criticisms were that they were supplied on a telephone order and that no directions as to how they were to be taken were given on the bottle. "I might have criticised any other chemist in the same way," he said. Mr. Jones: You have the right to criticise, but I think if you will read the Act you will find I am legally right. The Coroner: I know you are legally quite right, but it is up to us and to chemists to protect the public as much as possible. We must make it difficult for anything to go wrong. He found that Mrs. Gange died from poisoning by soneryl tablets, and recorded a verdict of "Accidental causes." He added: "The pathologist has said that a perpetual order on the chemist is definitely a dangerous proceeding, and I hope the doctor who gave Mrs. Gange this prescription will never adopt this method again."

Pharmaceutical Society of Ireland

Council Meeting

THE October Council meeting was held at 67 Lower Mount Street, Dublin, on October 13, the retiring president (Mr. J. F. Costello) in the chair at the outset. Other members of the Council present were Messrs. J. A. O'Rourke, F. J. Fitzpatrick, D. W. P. Boyd, Dr. J. A. Mitchell, Messrs. M. J. Kieran, D. Warwick, J. Duggan, J. V. McKeever, P. Brooke Kelly, B.P. Hickey, Sir Thomas Robinson, Messrs. J. Gleeson, J. T. Dwyer, C. Cremen, P. C. Cahill and Miss F. M. Flood. An apology for absence was received from Mr. J. K. Whelehan.

ELECTION OF PRESIDENT

THE CHAIRMAN said it gave him great pleasure to propose the name of Mr. O'Rourke for the office of president of their Society. They were all aware of his excellent qualities and capabilities as vice-president during the past year, and he had no doubt that the office of president would be ably filled by him in the year before them.

MR. WARWICK said he had much pleasure in seconding the proposal. He was sure Mr. O'Rourke would uphold the position of president with all the dignity and distinction of his predecessors.

Mr. O'Rourke's election was carried unanimously and with acclamation.

MR. COSTELLO, investing the new president with the badge of office, said, "I have great pleasure in wishing you every success."

THE PRESIDENT, on taking the chair, thanked the members of the Council for the honour they had conferred on him, and promised to do his best to uphold the high standard set by his predecessors.

ELECTION OF VICE-PRESIDENT

MR. CAHILL, proposing the name of Mr. Hickey for the vice-presidency, said he did not think he could tell them anything about Mr. Hickey's capabilities they did not know already. He had all the qualifications necessary for the office.

THE PRESIDENT: I have great pleasure in seconding that proposal. Since he joined the Council Mr. Hickey has worked very quietly, sincerely, and steadily for all the objects we have at heart—the ideal of pharmacy as it should be. His record of attendance at both Council and Committee meetings is particularly high.

Mr. Hickey's election as vice-president was carried unanimously.

THE VICE-PRESIDENT thanked the members for the honour they had conferred on him. He felt, he said, very unworthy of this honour, especially as he was one of the youngest members of the Council.

RE-ELECTION OF TREASURER

MR. BROOKE KELLY, proposing the re-election of Mr. F. J. Fitzpatrick as treasurer, said that for several years Mr. Fitzpatrick had filled this rôle—if he might use a term of the stage—admirably. He did not think anyone could possibly do it as well as he had in the past, and would continue to do.

THE PRESIDENT: I have much pleasure in seconding. I don't think we could find a better man for the office than Mr. Fitzpatrick.

Mr. Fitzpatrick's re-election was carried unanimously.

MR. FITZPATRICK thanked the Council for the confidence they had reposed in him for another year as their treasurer.

ELECTION OF AUDITORS AND COMMITTEES

On the motion of Mr. Fitzpatrick, seconded by Miss Flood, Messrs. Davis and Griffin were elected auditors. The following Committees were elected:—

House Committee.—Messrs. D. W. P. Boyd, J. Duggan, J. T. Dwyer, P. Brooke Kelly, Dr. J. A. Mitchell, Messrs. J. V. McKeever, P. C. Cahill, D. Warwick.

Law Committee.—Messrs. P. C. Cahill, C. Cremen, J. Duggan, J. Gleeson, P. Brooke Kelly, Dr. J. A. Mitchell, Sir Thomas Robinson, Mr. D. Warwick.

Schools Committee.—Messrs. D. W. P. Boyd, J. Duggan, J. T. Dwyer, J. Gleeson, J. V. McKeever, P. Brooke Kelly, M. J. Parkes, D. Warwick, Miss F. M. Flood.

Certificates and Declarations Committee.—Messrs. D. W. P. Boyd, C. Cremen, J. T. Dwyer, J. Gleeson, Miss F. M. Flood, Dr. J. A.

Mitchell, Mr. M. J. Parkes, Sir Thomas Robinson, Messrs. D. Warwick, J. V. McKeever.

Benevolent Fund Committee.—Messrs. P. C. Cahill, J. Gleeson, Sir Thomas Robinson, Mr. D. Warwick.

TRIBUTE TO RETIRING PRESIDENT

The presentation of the replica badge to the outgoing president (Mr. Costello) then took place.

THE PRESIDENT: In presenting you with this memento of your year of office may I pay tribute to the great dignity, unflinching courtesy and good humour with which you guided us during the past year? I sincerely trust we shall have you with us for many years to come, and I wish you every success.

MR. COSTELLO: I wish to thank you, Mr. President, Miss Flood and gentlemen, for the loyal support you gave me during the year. That support and loyalty made my term of office a very pleasant one indeed. I wish also to thank our registrar, Mr. Kerr, for the great assistance I received from him.

REGISTRATION ITEMS

The following, who submitted Matriculation certificates, were granted Preliminary registration: Misses H. M. M. Kelleher, C. M. McLoughlin, T. C. Rooney, A. I. E. Trinder; Messrs. W. J. Bertram, F. J. Gaffney, T. J. Grace, A. C. Hennessy, W. Lynch, E. J. Melvin, M. Moloney, B. O'Reilly.

The following changes of address were notified:—

Mr. S. Crosse, M.P.S.I., from Millbrook, Anacarty, to Central Pharmacy, Tipperary. Mr. F. M'Anena, M.P.S.I., from Mountfield, Omagh, to 84 Parnell Street, Dublin. Mr. R. J. McCullagh, M.P.S.I., from Rockhill House, Blackrock, to 36 The Rise, Mount Merrion Park, Blackrock, Dublin. Mr. D. J. Reddy, M.P.S.I., from 44 Iona Road to St. Mebbi Road, Glasnevin, Dublin. Miss G. Lavery, L.P.S.I., from Infirmary House, Longford, to 30 Belgrave Square, Monkstown, Dublin. Mr. P. J. Rice, L.P.S.I., from 670 Alum Rock Road, to 395 Coventry Road, Birmingham. Mr. R. G. C. Urch, L.P.S.I., from Dargleside, Bray, to 12 Lamleh Park, Milltown Road, Dublin. Mr. E. J. Sullivan, L.P.S.I., from 24 Marine Mart, to 62 Dame Street, Dublin. Mr. H. D. Starkey, L.P.S.I., from 44 O'Connell Street, Limerick, to Innishannon, Rochestown Avenue, Dun Laoghaire. Mr. D. C. McDougall, L.P.S.I., from 9 Dolphin Avenue to 21 Emor Street, S. C. Road, Dublin. Mr. J. A. Hynes, L.P.S.I., from 108 Leinster Road, Rathmines, to 8 St. Agnes Road, Crumlin, Dublin. Mr. T. A. Foley, L.P.S.I., from 12 James Street, Drogheda, to School of Mines, Camborne, Cornwall. Mr. T. Montague, L.P.S.I., from c/o Miss Temple, Shantallow, Londonderry, to The Bungalow, Drumbar, Monaghan. Mr. J. J. Callanan, M.P.S.I., from Bellevue Hotel, Lisdoonvarna, to Byrne's Medical Hall, Arklow. Miss S. Byrne, M.P.S.I., from 87 Cabra Road, Dublin, to Puckcastle, Shankill, co. Dublin. Mr. E. Aplin, R.D., from Gilford Road, Sandymount, to Greythorn, Upper Glenageary Road, co. Dublin. Mr. N. McCausland, R.D., from 11 Dobbin Street, Armagh, to 11 Coastguards, Crosshaven, co. Cork.

LICENCE EXAMINATION REGULATIONS

The following amendment to the Licence Examination Regulations was proposed by DR. MITCHELL, seconded by Miss Flood, and adopted:—

"That the Licence Examination Regulations be amended as follows:—Regulation VII, pp. 109-110, of the 1936 Calendar: Delete Paragraph 3 commencing with the words 'The above system of marking,' and ending with the words 'subdivision in Pharmacy,' and insert in lieu thereof 'The Board of Examiners acting jointly in conference shall have a discretionary power in the case of a candidate whose general information and intelligence shall appear to them to justify such a course, although he or she may not in some one subdivision of a subject, other than Pharmacy, have attained to the required standard, to refer such candidate for re-examination in that subject alone. But no candidate shall be referred who has failed in any subdivision of Pharmacy, or who has failed in more than one subdivision of any other subject. A referred candidate is in all other respects to be treated as a rejected candidate, and shall not present himself or herself for re-examination until after six months after such referring. The examination fee for a referred candidate shall be the same as for a rejected candidate. This Regulation to come into force on January 1, 1937.'"

MR. FITZPATRICK: It means that a candidate can come up in one subject only, but he pays the full fee.

SIR THOMAS ROBINSON: Would you not allow him up in three months?

THE REGISTRAR: The Act says six months.

(To be continued.)

Pharmaceutical Society of Northern Ireland

Council Meeting

THE monthly meeting of the Council was held on October 16 in the Society's offices, 73 University Street, Belfast, Mr. Samuel Gibson in the chair. There were present also Messrs. S. S. Badger, J. E. Connor, J. W. Gray, James Glendinning, H. F. Moore, S. H. Forrest, W. C. Tate, J. F. Grimes, J. T. Nicholl, C. Abernethy, James McDowell, John McGregor, W. Martin, Professor James Small, Professor E. C. B. Mayrs, Dr. S. E. A. Acheson and Sir Thomas McMullan. Mr. D. L. Kirkpatrick (secretary) was in attendance.

NEW MEMBER WELCOMED

THE CHAIRMAN welcomed Mr. McGregor to the Council. He was sure he would prove a useful member and would be helpful in their deliberations, as he had a good deal of experience in the local Society.

Mr. MCGREGOR returned thanks.

EXTENSION OF TERM

Mrs. O'Neill, Maghera, was granted permission to carry on the business of her late husband for a further period of five years with a qualified man in charge.

CHEMICAL LABORATORY EQUIPPED

THE SECRETARY said they had now equipped a chemical laboratory at their headquarters. The insurance company would not charge them anything for the additional risk. Authority was given to increase the insurance on the premises by an additional £500.

ELECTION OF PRESIDENT

Mr. BADGER proposed that the vice-president, Mr. Gibson, be elected president. He had attended the meetings very regularly.

Mr. MARTIN seconded the motion, which was supported by Mr. FORREST and passed by acclamation.

Mr. Gibson was then invested with the presidential chain of office by Mr. Badger.

Returning thanks, THE PRESIDENT said he was grateful for the honour conferred on him. He had served nine years' apprenticeship on the Council, but it did not start then, for he had been devoting attention to pharmaceutical affairs since 1888, so that he had learnt a little. He would do the best he could so long as his health permitted for the Society.

ELECTION OF VICE-PRESIDENT

Mr. ABERNETHY proposed Mr. Forrest as vice-president, observing that he had stood down for Mr. Gibson last year. He was well versed in the affairs of the Society and would be an honour to the vice-chair.

Mr. CONNOR, in seconding, said Mr. Forrest took a great interest in the Society and was a very capable man in social affairs.

The resolution was passed unanimously, and Mr. FORREST acknowledged the vote of his colleagues. He would, he said, do his best to support the president during his year of office.

ELECTION OF TREASURER

On the motion of THE PRESIDENT, seconded by Mr. FORREST, Mr. William Martin was elected treasurer of the Society in room of Mr. Forrest.

Mr. MARTIN returned thanks.

Mr. MOORE asked if the three appointments just made could be for a two-year term. He moved accordingly.

Mr. TATE seconded the proposition.

THE PRESIDENT asked for the mind of the meeting.

PROFESSOR SMALL said that according to the Act the offices were only held for one year, but the officers were eligible for re-election.

THE PRESIDENT said they could not go against the Act, but there could be an understanding about the two years.

Mr. McDOWELL said that meeting could not make arrangements for what future meetings would do.

The resolution was not put.

COMMITTEES APPOINTED

When the appointment of the Committees was reached,

Mr. McDOWELL thought their composition should be changed. Mr. Martin, for instance, was on four Committees and Mr. Gray on none.

THE SECRETARY said there had to be representatives of the druggists on the Committees, and that was why Mr. Martin was on, as Mr. Grimes could not attend.

Mr. McDOWELL thought the countrymen complained about not being on.

Mr. GLENDINNING said that the country members could not attend the Committee meetings.

Mr. FORREST and Mr. CONNOR spoke in favour of country representation.

The Committees were eventually chosen as follows:—

Education.—Professor Small, Messrs. Badger, Tate, McGregor, Martin and Nicholl.

Law.—Dr. Acheson, Messrs. Abernethy, McGregor, Martin, McDowell and Connor.

House.—Messrs. Abernethy, Badger, Martin, Moore, Tate and Professor Small.

General Purposes.—Professor Mayrs, Messrs. Gray, Martin, Abernethy, Nicholl and McDowell.

Finance.—Sir Thomas McMullan, Messrs. Glendinning, Moore, Nicholl, Martin and Tate.

The president and vice president *ex officio* on all Committees.

CORRESPONDENCE

Mr. GRAY moved that a letter of thanks be sent to the Dean of Derry for the courteous manner in which he acted as guide to the ladies who accompanied the Council to Londonderry, when they visited the Cathedral.

PROFESSOR SMALL seconded the resolution, which was passed.

The secretary was requested, on the motion of Mr. BADGER, seconded by Mr. MOORE, to send a letter of sympathy to Mr. Horatio Todd, J.P., a past-president of the Council, who had met with an accident, breaking his arm.

A letter of sympathy was also directed to be sent to Mr. W. Hanna, J.P., Ph.C., Bangor, on the death of his wife, which took place on October 14.

RETIREMENT OF TWO MEMBERS

THE PRESIDENT referred to the retirement from the Council of Mr. W. S. Taylor and Mr. R. I. Edwards, who had been on the Council for years. The Council thanked them for their services.

Mr. CONNOR endorsed the president's remarks, which were supported by Dr. ACHESON.

THANKS TO LONDONDERRY CHEMISTS

Mr. NICHOLL moved a vote of thanks to the Londonderry Chemists' and Druggists' Association for their entertainment of the Council at the September meeting.

Mr. CONNOR said the Derry people excelled themselves in hospitality.

The vote was passed by acclamation.

Mr. GLENDINNING, in reply, said that the pleasure was that not only of the Council but also of the Derry Association, to which he would report at the next meeting.

CO-OPTION IN NOVEMBER

It was decided to co-opt a member of Council at the next meeting to fill the vacancy caused by the fact that a sufficient number of candidates was not nominated before the election.

MEMBERS ELECTED

The following nominated candidates were elected members of the Society: William Brooke Hewitt, 1 Tavanagh Avenue, Portadown; Bernard Murphy, 213 Shirland Road, London, W.9; James Mark Sydney Bingham, 3 Ashley Avenue, Belfast; Frederick Allen Mackey, Ardarae, Hopefield Avenue, Portrush; John McKibbin, 98 Hill Street, Newry; and William Frank O'Sullivan Mansfield, 6 Bayview Terrace, Londonderry.

(Portraits of the new president, vice-president, and treasurer appear on p. 456.)

Trade Notes

DUFAYCOLOR.—Ilford, Ltd., Ilford, have issued a new booklet entitled "Dufaycolor in Artificial Light." This publication, which contains a great deal of practical information, is available on request.

EAU-DE-COLOGNE.—Pharmaceutical Products, Ltd., Standard Works, Lawrence Road, Tottenham, N.15, have recently introduced in the Coronation series New Era Farina Red Crest eau-de-Cologne. This is packed in several sizes from half-ounce flat flasks to 24-oz. wicker bottles. It is prepared in London under sole licence of Johann Maria Farina, Cologne. The colour scheme of the pack is red, blue and gold. This preparation has apparently lost nothing of the fragrance of the original product.

CALCIUM ASPIRIN.—We are informed that the Genatosan brand of calcium aspirin is now issued in the form of tablets in addition to $\frac{1}{2}$ -oz. and 1-oz. bottles of powder. The tablets are packed in tubes of 20. Literature and particulars are available from Genatosan, Ltd., Loughborough.

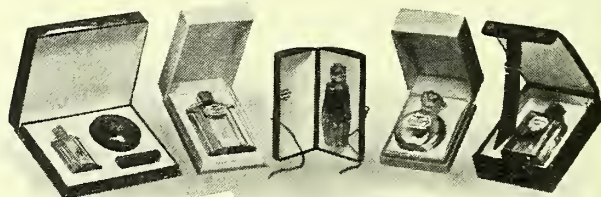
NEW PRODUCTS.—Pharmaceutical Specialities (May & Baker), Ltd., Dagenham, Essex, have recently introduced Acigen, a new product combining mandelic acid, sodium bicarbonate, ammonium biphosphate and flavouring agents. It is presented as granules and is intended for use in the treatment of urinary infection. Acigen is packed in bottles of six ounces.

DIXOR BEAUTY PREPARATIONS.—Dixor, Ltd., St. Leonard's Works, Mortlake, S.W.14, draw attention to their new preparations and a new pack for Dixor products in an attractive advertisement which appears elsewhere in this issue. Attention is directed to an announcement that 20,000 special sample beauty caskets will be distributed during the next few weeks containing specimens of the cold cream, skin food and day cream, in addition to Velouty de Dixor, Iridium de Dixor, and Dixodor.

JAEGER BODY BELTS.—A new Jaeger body belt has recently been issued, distribution of which is made only through chemists. We are informed that every belt is enclosed in a cellophane wrapper and as a result can be displayed easily and economically either on the counter or in the window. There are four sizes and only one measurement, namely the waist measurement, is necessary. A small cabinet is available together with showcards, which may be obtained on application. The address of the company is: The Jaeger Co., Ltd., 204 Regent Street, London, W.1.

DISPLAY STAND.—Illustrated herewith is a Coty display stand which includes a new packing of the Coty product—L'Aimant. The packing itself is an attractive one, the box being printed

HOUBIGANT PERFUMERY.—The photograph below shows some of the handsome Christmas packs of Houbigant perfumery products issued by the Perfumery Marketing Co., 190 Piccadilly, London, W.1. New sizes are now made available of the well-known Houbigant perfume Quelques Fleurs and of the Floraison and Presence perfumes. Gift sets containing per-



fume, powder and lipstick are also issued and a compressed powder carrying the perfume Quelques Fleurs is also available. In the series of Parfums Chermay there are twelve odours available at an attractive selling price. Full details of Houbigant Christmas packs may be obtained on application.

GLAXO DISPLAY MATERIAL.—A specimen counter or window display card issued by Glaxo Laboratories, Ltd., Greenford, Middlesex, is reproduced in the accompanying illustration. This card is attractively produced in colour and is intended to carry a package of Ostromalt as shown in the illustration.

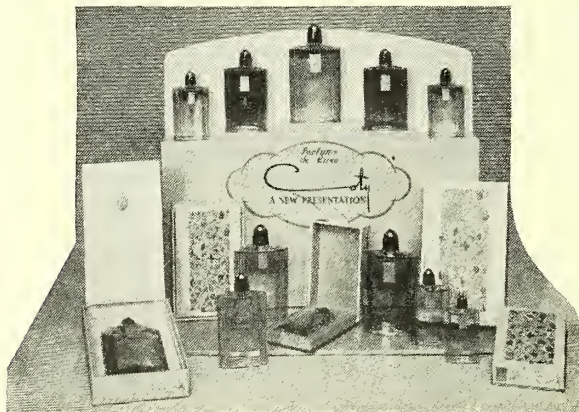
BOND STREET PERFUME.—With reference to our note (C. & D., October 3, p. 382) we are informed by Yardley & Co., Ltd., 40 Piccadilly, London, W.1, that this perfume is supplied only in minimum parcels of £5 value net, which may be composed of the three different sizes.



Trade-Mark Applications

(From "The Trade Marks Journal," September 30, 1936.)

- "CAMEDA"; for medicinal chemicals (3). By Dr. Tell & Co., Frankfurter Allee 56, Berlin. 567,904.
- "TELLOMED"; for medicinal chemicals (3). By L. Tell, Frankfurter Allee 56, Berlin. 569,464.
- "SUNPINE"; for medicated pine preparations (3). By Promedico Medicinal Products, 22 Turtle Road, London, N.4. 570,140.
- "NORMAX"; for medicated digestive preparations (3). By Burgoyne, Burdidges & Co., Ltd., High Street South, East Ham, London, E.6. 570,372.
- "ROLLSREMS"; for internal medicaments (3). By R. J. Vaughan and D. Owen, 32 Strutton Ground, London, S.W.1. 570,690.
- "VANDERIZED"; for medicinal chemicals (3). By St. Andrews Mills, Ltd., 34 St. Andrew Road, Walthamstow, London, E.17. 570,871. (Associated.)
- "VITJEUS"; for medicinal chemicals (3). By L. Bowen, 215 Western Avenue, London, W.3. 570,941.
- "OINTEX"; for ointment (3). By O.T.X. Co., 262 Dashwood House, Old Broad Street, London, E.C.2. 570,993.
- "SEPIVERSINE"; for medicinal chemicals (3). By A. C. Baxter, Dorothy Avenue, Skegness, Lincolnshire. 571,245.
- "HOMOCEA"; for medicinal chemicals (3). By Numol, Ltd., Elswick Road, Newcastle-on-Tyne. 571,005. (Associated.)
- "THE OLD MAIDS"; for medicated preparations (3). By L. & M. Langer, Ltd., 321 Bethnal Green Road, London, E.2. 571,035.
- "HYPACINE"; for pharmaceutical preparation for treatment of the gastro-intestinal tract (3). By Norgine Pharmaceutical Products (London), Ltd., Clement's Inn, London, W.C.2. 571,233.



and embossed in autumn leaf design and the bottle having a sprinkler top with an artistic plastic cap in colour. There are four sizes issued obtainable from Coty (England), Ltd., 3 Stratford Place, London, W.1.

Births

Notices for insertion in this column must be properly authenticated.

FRANKLIN.—At 46 Bath Street, Abingdon, on October 15, Margery Franklin, M.P.S. (*née* Blanchard), wife of H. W. Franklin, M.P.S., F.S.M.C., F.B.O.A., of a daughter.

Marriages

FELL—HIRST.—At St. Stephen's Church, Kirkstall, Leeds, on October 10, Thomas Tasker Fell (Manchester representative of Jack L. Barnett, Ltd., Leeds) to Jessie Hirst.

HOGARTH—RUDD.—At Ripon Cathedral, on October 15, Andrew Peter Hogarth, to Dorothy Rudd, M.P.S., youngest daughter of the late Mr. H. Bulmer Rudd, Ph.C., Ripon.

MARKHAM—WOODS.—At St. Peter's Church, Bedford, on October 1, Edward James Markham, M.P.S., to Enid Doris Woods.

SUMNER—BISHOP.—At St. Mary's Parish Church, Rickmansworth, on October 18, George Hubbard Sumner, Ph.C., son of Mr. G. T. Sumner, M.P.S., Rickmansworth, to Kathleen Mary Bishop.

Deaths

BELL.—On October 3, Mr. Frederick Player Bell, chemist and druggist, for seven years manager at Letchworth to Mr. E. E. Russell, chemist and druggist, aged thirty-eight.

BRIGGS.—On October 19, suddenly, Mr. George William Briggs, Ph.C., Portland Square, Sutton-in-Ashfield, aged seventy-five. Mr. Briggs, who had been in business for over fifty years, leaves a widow, two sons and a daughter.

CAMPBELL.—Recently, Mr. Richard Falls Campbell, "Eversley," Lower Shiplake, a director of Bradley & Bliss, Ltd., wholesale chemists, 6 London Street, Reading, aged eighty. Mr. Campbell leaves a widow and a daughter.

GORFETT.—On October 9, Mr. William Thomas Gorfett, chemist and druggist, 29 Kirby Road, North End, Portsmouth, aged sixty-nine. Mr. Gorfett commenced business in Portsmouth forty-eight years ago.

GRASSAM.—At his residence, 4 Napier Place, Falkirk, on October 13, Mr. David Philip Grassam, chemist and druggist, aged forty-three. Mr. Grassam, who was a native of the town, served his apprenticeship to James Bryce, Graham's Road. During the war he served in France and Italy. Afterwards he qualified and acquired the business in Main Street, Bainsford, Falkirk, formerly conducted by Mr. Gray. Mr. Grassam was a keen chess player and a freemason. He leaves a widow.

HANNA.—In London, on October 14, the wife of Mr. William Hanna, J.P., Ph.C., Bangor, co. Down.

HAYDON.—On September 19, Mr. Arthur Henry Haydon, chemist and druggist, Campden, Gloucestershire, aged sixty.

HOSEASON.—Recently, Mr. James Henry Hoseason, Ph.C., St. Michael's House, Hankham, Pevensy, aged sixty-seven.

JONES.—At Bryn Derfel, Bangor, on October 17, Mr. Hugh Robert Jones, retired chemist and druggist, aged eighty-one. Mr. Jones was in business in Upper Bangor for many years.

RIDDELL.—On October 21, Mr. John Riddell, director of Hall Forster & Co., Ltd., manufacturing chemists, Temple Street, Newcastle-upon-Tyne, aged seventy-one. Mr. Riddell is survived by his son, Mr. J. H. Riddell, M.P.S., who is also a director of the company.

ROBERTS.—At his residence, Cleveland, Junction Road, Bolton, Lancashire, on October 14, Mr. Thomas Roberts, founder and former head of Roberts Croupline, Ltd., and Roberts Patent Filling Machine Co. Mr. Roberts had of late been in indifferent health, and retired from business six months

ago. At the age of seventeen he opened business on his own account in Deane Road, Bolton, as a manufacturing chemist. His hobby was engineering, and he soon put it to practical use by the invention of a bottle-filling machine, the manufacture of which developed until his machines were exported to all parts of the world. He was also well known as an accomplished photographer. Mr. Roberts is survived by a widow.

Personalities

MR. G. A. SHEEN, M.P.S., formerly with Reynolds & Branson, Ltd., Leeds, has been appointed general plant superintendent of Charles E. Frosst & Co., manufacturing pharmacists, Montreal, Canada, with whom he has been associated during the past ten years.

MR. WILLIAM SPENCE CULBERT, M.P.S., Airdrie, who was recently co-opted a member of the Pharmaceutical Society's Council, commenced his apprenticeship at Kilmarnock, serving three years with Dr. McAllister (who was a chemist as well as a medical practitioner) and two years with the late Mr. John Foster, Glasgow, to whom he acted as assistant for a further two years. Mr. Culbert studied at the Glasgow School of Pharmacy under the late Mr. John Lothian, and qualified in 1901. After about ten years' experience in Glasgow and the West of Scotland, he commenced business in Airdrie in 1911, opening a branch shop two years later in the same town. Mr. Culbert has always taken a keen interest in pharmaceutical matters and was a member of the old Glasgow Association. He is a past-chairman of the Glasgow and West of Scotland Branch of the Society, has been a member of the North British Executive for many years, and is at present vice-chairman of that body. In local affairs Mr. Culbert was for a long period a member of the school management committee and served on the Airdrie Town Council for three years.



MR. W. S. CULBERT

Coming Events

Tuesday, October 27

Guildford and District Pharmacists' Association and Branch, Abbot's Kitchen, North Street, Guildford, at 8 p.m. Lantern lecture by Mr. E. C. Cripps on William Allen. Business meeting. Refreshments.

Southport Pharmacists' Association and Branch, Royal Hotel, Promenade, Southport, at 8.30 p.m. prompt. Annual Benevolent Fund evening, dinner and smoking concert. Tickets, 5s. each, from secretary, 110-112 Shakespeare Street, Southport.

Oldham and District Chemists' Association and Branch. Afternoon, business meeting, addressed by Mr. J. F. McNeal (a member of Council). Evening, social.

National Pharmaceutical Union, Oxford and District Branch, Town Hall, Oxford, at 8 p.m. Joint meeting with Pharmaceutical Society Branch. Mr. H. Noble, B.Pharm., on "The Pitfalls and Working of the New Pharmacy Acts," with remarks on the Shops (Sunday Trading Restriction) Act.

Wednesday, October 28

Pharmaceutical Society, Tees-Side Branch, Cleveland Technical Institute, Corporation Road, Middlesbrough, at 8.15 p.m. Mr. J. F. McNeal (a member of Council) on "Current Pharmaceutical Topics."

Pharmaceutical Society and National Pharmaceutical Union, Leeds and District Branch, Castle Grove, Headingley, Leeds, 6, 6.45 p.m. to 1 a.m. Annual dinner and dance. Tickets, single, 10s.; double, 18s. 6d., from the secretary.

Western (London) Pharmacists' Association and National Association of Women Pharmacists, Lecture theatre, 17 Bloomsbury Square, W.C.1, at 8.30 p.m. Joint meeting. Mr. W. Deacon (a member of the Pharmaceutical Society's Council) on "The Mastery of a Mystery," illustrated with lantern slides. Sir Humphry Rolleston, Bt., will preside.

Thursday, October 29

Birkenhead and Wirral Pharmacists' Association. Whist drive and dance. *Manchester Pharmaceutical Association*, Junior Branch whist drive.

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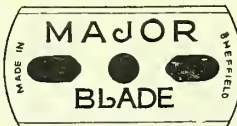
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| H/15. Dr. Lettemann's plastic foot supports | P/22. Orkney seaweed bath |
| B/20. Elixity slimming bath | B/19. Rhumotop spray |
| | M/19. Silverzone spray |

THE CHEMIST AND DRUGGIST

VOL. CXXV.

October 24, 1936

NO. 2959

"A Handbook to Pharmacy"

THE appearance of a new member of the family of *C. & D.* books is an event that in the nature of things does not often occur, the needs of the pharmacist in respect of treatises of this type being to a great extent provided for in the existing series. The first to be published was "The Act of Dispensing," which, founded on *C. & D. Diary* articles, was issued in 1888. Almost simultaneously the late E. N. Alpe's "Handy Book of Medicine Stamp Duty" appeared; and it was followed within the next few years by "Veterinary Counter Practice," "Pharmacy Laws," "Pharmaceutical Formulas," and other works. Most of these books have gone from edition to edition with increasing acceptance.

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by

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Pharmaceutical Chemist

FIRST EDITION

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1936

Printed and Bound in Great Britain

The guiding principle that each of our treatises shall be written or compiled by an expert and for a specific purpose has inspired the preparation of "A Handbook to Pharmacy," the author of which is Mr. William Kirkby, M.Sc., Ph.C., a pharmacist so well known to our readers as to need no introduction. When the British Pharmacopœia of 1932 appeared, the remark soon became current that it was a book of standards rather than the collection of formulas to which British pharmacy had been accustomed. The Pharmacy and Poisons Act, 1933, and the British Pharmaceutical Codex, 1934, introduced more standards or presumptive standards, and the Poisons Rules, 1935, added fresh complexities. "A Handbook to Pharmacy" has been

compiled from this point of view, and, in the author's words, "with the purpose of assisting in the answering of the thousand-and-one questions and difficulties which arise. . . . It does not profess to take the place of the treatises upon which students should rely." The table of contents at the beginning of the volume extends to forty-five lines, indicating that "A Handbook to Pharmacy" is a valuable work of reference for the busy pharmacist's desk or bookshelf and a handy companion for the student.

Trade Turnover Increasing

THE Trade and Navigation accounts for September and the first nine months of this year show that the grand totals of our international trade (i.e., imports, exports and re-exports) were, respectively, approximately £14,000,000 and £82,000,000 in excess of the totals for the corresponding periods of 1935. Imports, were some £9,000,000 more in September of this year than in 1935, and over £71,000,000 in the nine month period.

| | Imports | Exports of United Kingdom Goods | Total Exports including Re-exports |
|------------------|-------------|--|--|
| Sept., 1936 ... | £71,891,528 | £36,960,737 | £40,815,403 |
| " 1935 ... | 60,822,113 | 34,098,265 | 37,909,103 |
| " 1934 ... | 57,913,335 | 33,957,248 | 37,207,084 |
| Jan.-Sept., 1936 | 608,007,618 | 320,092,159 | 305,624,950 |
| " 1935 | 539,438,782 | 311,795,782 | 352,349,874 |
| " 1934 | 536,905,506 | 289,047,847 | 328,722,033 |

Figures for the "Chemicals, Drugs, Dyes and Colours" group show a fair recovery, both for September and for the nine months period, compared with the relative figures for 1934 and 1935. For the month under review imports of these goods are up by some £62,000, and exports and re-exports by £71,000 over the 1935 returns, and for the nine months the increase this year in imports was £949,000, while exports and re-exports total £69,000 less.

| Chemicals, Drugs, Dyes and Colours | September | | | January-September | | |
|---------------------------------------|-----------|-------------|-------------|-------------------|-------------|-------------|
| | 1934 | 1935 | 1936 | 1934 | 1935 | 1936 |
| Imports ... | £'000 972 | £'000 1,028 | £'000 1,190 | £'000 8,311 | £'000 8,218 | £'000 9,167 |
| Exports of U.K. manufacture | 1,682 | 1,677 | 1,736 | 15,267 | 15,518 | 15,427 |
| Re-exports ... | 24.5 | 32.8 | 44.8 | 587.4 | 289 | 311.5 |

The chief foreign sources of supply during September were Germany, £494,208; United States of America, £168,063; France, £105,578; Switzerland, £67,215. Imports from Italy show a slight improvement over preceding months, being £3,667, against an average of £10,000. Imports from Spain reached the high total of £14,472, composed chiefly of mercury. Of the Empire sources Canada shipped goods valued at £54,995. The chief Empire destinations of our exports were: India, £213,878; South Africa, £173,296; Australia, £143,949; Canada, £94,833; New Zealand, £66,338; British West Africa, £48,711; British Malaya, £32,565; and Ceylon, £19,598.

National Pharmaceutical Union

Conference of Delegates

A CONFERENCE of delegates from the National Pharmaceutical Union Branches was held at the Holborn Restaurant, London, W.C.1, on October 14, Mr. D. A. Bryan in the chair. There was a good attendance, 100 branches being represented.

After welcoming the delegates, THE CHAIRMAN said that the individual could assist himself to the full only as a unit of an organisation. The N.P.U., as an organisation for the protection of the interests of retail pharmacists, required the support of every member, and a solution to the problems facing pharmacy as a result of rapid changes in the past few years depended on the outcome of the careful deliberations of the Conference. There had been an alarming increase in the number of patent-medicine licence holders, and this increase was being maintained.

CHEMISTS' FRIENDS SCHEME

Mr. S. J. STEARN, chairman of the retail section of the C.F. Committee, read the following message:—"The C.F. Committee, consisting of an equal number of manufacturers and retailers, is satisfied that good progress has been made with the C.F. scheme, and suggests that the delegates to the N.P.U. Conference should ensure the continued success of the scheme by urging chemists to give it their utmost support, upon which depends the future progress of the scheme." The message was enthusiastically received.

Mr. SULLIVAN (Bradford) moved:—"That this Conference is of opinion that the C.F. scheme should be vigorously continued." This was seconded by Mr. WHITAKER (Bradford).

Mr. HAYBALL (Grimsby) moved an amendment to add the words "in such modified form as this Conference or negotiations arising therefrom may determine." Mr. DENNISON (Newcastle) seconded the amendment.

After an explanation by the secretary that Mr. Hayball's amendment would commit the Conference to alterations of the scheme if the word "modified" remained, the several proposers and seconders agreed to the omission of the word "modified," and the motion "That this Conference is of the opinion that the C.F. scheme should be vigorously continued in such form as this Conference or negotiations arising therefrom may determine" was put and adopted.

Resolutions in support of the principle of the C.F. scheme from the Eastbourne, Hartlepool and District, Leeds, Pontefract, Castleford and District, Thames Valley, Reading, Swansea, and Manchester Branches were adopted *en bloc*.

A motion that the C.F. scheme be continued in its present form until March 31, 1937, and at that date a further referendum be taken, was withdrawn.

A resolution from the Thames Valley Branch that the Executive should endeavour to get into touch with the Proprietary Manufacturers' Association and reopen negotiations with a view to effecting a mutually satisfactory compromise was debated. The view was expressed on behalf of the Executive that in negotiating with the Proprietary Manufacturers' Association as many concessions as possible had been made, and the negotiations had closed when the offer of co-operation in an advertising campaign in return for free distribution through other channels than chemists was not accepted by the N.P.U.

An amendment "That the N.P.U. Executive be prepared to negotiate whenever the Proprietary Manufacturers' Association wishes to reopen negotiations" was moved by Mr. DENNISON (Northumberland), seconded by Mr. HIRST (Liverpool) and carried, and with the approval of the mover and seconder of the original resolution, this was adopted as a substantive resolution.

Mr. LEAPER (Southampton) moved:—"That the N.P.U. Executive approach individual manufacturers to induce them to join the C.F. scheme rather than deal with any Association of manufacturers." This was seconded and carried.

Mr. HAYBALL (Grimsby) moved:—"That the medical products of national advertisers (a) which are on the P.A.T.A. Protected List (or otherwise effectively price controlled), (b) and which yield not less than, say, 28 per cent. profit on sale (equivalent to 20 per cent. and 10 per cent), (c) when bought

on bonus or parcel terms for quantities not exceeding £5 net, (d) such terms to be regularly available and not at specified periods, shall be accepted on the C.F. List, even though they may be available to the public through patent medicine vendors other than chemists, (e) provided that the words 'get it from the chemist,' or words to that effect, are featured in all national advertising (specified retailers not to be mentioned and the word 'chemist' to be in the singular.)" Mr. CORKHILL (Lowestoft) seconded.

Representatives of the Wembley Branch, in opposing the motion, stated that the Branch had faithfully carried out the scheme, and gave figures personal to their own businesses in support of the contention that not only had they not lost in volume of business by participation in the scheme, but could not now afford to abandon the scheme.

Mr. IDDON (Hull) supported the motion on the grounds that all chemists should be able to support the scheme. Small chemists who did not buy direct to any extent were able to support the scheme, but financial considerations precluded the participation in the present restricted scheme of chemists who did buy direct.

Mr. WALLIS (Chester) opposed the motion as being tantamount to an admission of outside traders to associate membership of the C.F. scheme and of the profession.

On the motion being put, four delegates voted in favour and the resolution was lost.

A resolution submitted by the Hull Branch, that the present scheme be dropped in its entirety, and that a new scheme to apply only to new lines be substituted, was then withdrawn.

The following resolution was lost, after it had been explained that the scheme in question was sponsored by the manufacturers concerned: "That this Conference urges the N.P.U. Executive to develop the C.F. scheme on the lines of the tobacco trade." (Staffs, North.)

A resolution from the Wembley and District Branch suggesting that there should be no buying on bonus terms from manufacturers of non-C.F. goods under any consideration was, in view of its drastic nature, withdrawn on the understanding that it would be brought forward in twelve months' time.

To secure the further development of the scheme, the Conference adopted the following resolutions: "That local propaganda be undertaken to further the C.F. scheme" (Bradford). "That the 'Wembley' agreement form be issued to every member of the N.P.U. for his signature, and a record be kept by secretaries of branches for purposes of local organisation, and the secretary of the Union be informed periodically of the results obtained" (Wembley and District).

It was agreed to refer to the Executive for consideration the resolutions: "That central committees be set up in the areas, as set up for purposes of election, these committees to deal with matters relating to the C.F. scheme" (Wembley and District). "That a public relations officer be appointed to visit chemists and create enthusiasm for the C.F. scheme" (Middlesbrough). "That this Conference recommends that unconditional support of the C.F. scheme be made a condition of membership of the N.P.U." (Burnley).

A resolution submitted by the Middlesbrough Branch to the effect that concern was felt in regard to the lack of co-ordination and organisation which identifies itself with the C.F. scheme was withdrawn, as were a resolution submitted by the Merthyr Tydfil Branch for a register of manufacturers, wholesalers and retailers who have signified in some form their intention to support the scheme, and a resolution submitted by the Reading Branch regarding the publication of advertisements of non-C.F. manufacturers in the trade Press.

A resolution (as amended) of the Rhymney and Sirhowy Valleys Branch was carried: "That this Conference affirms that whilst the co-operation of company chemists is desirable it is not essential to the complete success of the C.F. scheme."

A resolution by the Northumberland Branch urging that a clear statement as to the position of the multiple firms in regard to the scheme be obtained from their general managers was withdrawn.

The resolution "That chemists should refuse to stock or sell unprofitable proprietaries such as Liquifruta and Nurse Harveys

Mixture, thereby showing their unity and strength without much personal loss and perhaps lead some firms to come in the C.F. List," moved by the Southampton Branch, was lost.

MEDICINE STAMP DUTY

The Conference adopted the resolution submitted by the Middlesbrough Branch and supported by the Birkenhead and Wirral, Blackpool, Bradford, Durham County, Eastbourne, Hartlepoons and District, Leeds, Leicester and Leicestershire, Luton, Manchester, Newport and Monmouthshire, Nottingham Borough, Plymouth, North Staffs Branches:—"That the rights of those carrying on business in accordance with the Pharmacy and Poisons Act, 1933, in respect of the exemption of 'known, admitted and approved' remedies be clearly defined and maintained."

THE SECRETARY outlined the considerations which would influence the Executive in determining the nature of the evidence to be submitted to the Select Committee on behalf of the Union. The exemptions and exceptions which, in his view, could be legitimately claimed in the interests of retail pharmacists gave expression to the principles underlying the resolutions on this matter submitted by the branches.

The Conference agreed to refer to the Executive the whole of the further resolutions in regard to medicine-stamp duty, and adopted unanimously the following resolution moved by the Burnley Branch:—"That this Conference, realising the delicate and intricate nature of the work involved in placing suitable and convincing evidence before the proposed Select Committee which is to consider the Medicine-Stamp Acts, decides to leave any action to be taken in this respect to the discretion of the Executive."

OTHER RESOLUTIONS

A resolution submitted by the West London Branch:—"That it is undesirable that any local area should make arrangements with any public authority (such as a public medical service, public assistance committee, or public utility service) for the supply of medicines, etc., without consultation with the National Pharmaceutical Union" was agreed to.

The Manchester Branch proposed:—"That the rules governing the dispensing of public assistance and health prescriptions should be the same as those applying to N.H.I. prescriptions."

THE SECRETARY informed the meeting that representations had been made to the Home Office in this connexion. The resolution was adopted, and it was agreed that it should be forwarded to the Home Office.

On the question of the financing of branch organisations, a resolution that the subscription to the N.P.U. should include membership of the local branch was lost, and a further resolution that a sum of 1s. per branch member be returned to branch secretaries from the subscription was withdrawn. It was agreed that the present method, involving payment in proportion to the activity of a branch, was the more equitable.

In regard to relations with the P.A.T.A. the following resolutions were adopted:—"That this meeting urges the N.P.U. Executive to apply pressure to obtain greater retail representation on the P.A.T.A. Council (Luton and District)." "That immediate action should be taken by the N.P.U. pressing for a stronger representation of the retail section of the P.A.T.A. both in numbers and capacity" (Wembley and District). "That the N.P.U. approach the P.A.T.A. with regard to the stiffening of the attitude of the P.A.T.A. in regard to the cutting of proprietary articles by non-subscribers to the P.A.T.A." (Oldham and District).

A resolution of the Peterborough and District Branch "That this Conference protests against the practice of such frequent and changeable 'bonus offers' as are being made by one of the prominent manufacturers" was seconded by the Oldham Branch and adopted.

The Conference closed with a vote of thanks to the chairman, to which Mr. Bryan briefly replied.

REGISTER OF PREMISES.—The Pharmaceutical Society of Great Britain has issued a list of premises registered under Section 12 of the Pharmacy and Poisons Act, 1933 (Pharmaceutical Press, 21s.). The counties are arranged in the following sections: England, Wales, and Monmouthshire, Scotland, London.

Proprietary Articles Trade Association

Council Meeting

THE quarterly meeting of the Council of the Proprietary Articles Trade Association was held in London on October 15, the president (Mr. A. T. Hall) in the chair.

MR. KEALL'S RESIGNATION

THE PRESIDENT reminded the Council that a letter from Mr. Keall tendering his resignation from the retail section had been considered at the July meeting. The Council had then decided unanimously that Mr. Keall be asked to reconsider his decision and had appointed a deputation representing the three Sections to interview him and convey their request. The Council would learn with regret that Mr. Keall, while deeply appreciative of the Council's attitude, had felt unable to withdraw his resignation. A resolution of appreciation of his services, moved by THE PRESIDENT, was passed by a unanimous vote of the Council.

SUPPLIES TO STAFF CLUBS

The Executive Committee reported that the adoption by the Council of the resolution prohibiting the supply by manufacturers and wholesalers of P.A.T.A. goods to staff clubs and similar organisations had produced excellent results, and the Committee were satisfied that already there had been a material decrease in the supply of P.A.T.A. goods to these concerns.

HONORARY MEMBERSHIP

The Council decided that in future no firm be admitted to honorary membership of the Association unless the application had received the approval of the three sections of the Council.

PROFIT ON CERTAIN CLASSES OF PROPRIETARIES

It was agreed that the Executive Committee should examine recommendations relating to rates of discount on certain classes of proprietaries put forward by the retail and wholesale sections, and should submit their views to the respective sections and to the Council.

PRICE-MAINTENANCE WORK

The report on the Association's price-maintenance work during the past quarter showed that the general position had still further improved and that very satisfactory reports had been received from a number of areas previously affected by price cutting. Twelve previously persistent cutters had come into line and had entered into agreements embodying the payment of damages for breach, and it was expected that a number of other well-known cutters would follow suit in the near future. In the Metropolitan area many price-cutting traders still held full stocks of P.A.T.A. goods obtained in some instances from retail sources. It had been ascertained that during recent months the cutters' agents had obtained by means of a well-organised campaign heavy supplies from wholesalers and retailers in the provinces, generally in the remoter districts. These agents had called on wholesalers and retailers, and having established confidence, had secured supplies of price-protected goods by giving fictitious business names and addresses. It had been found that quantities of P.A.T.A. goods consigned for export, and in some instances actually exported to foreign countries, had ultimately reached price-cutters in the London area.

SUBCUTANEOUS INJECTION OF COD-LIVER OIL.—The local application of cod-liver oil for wounds and burns has suggested experiments regarding tissue response to this oil. J. Dawson gives ("The Lancet," 5900, 737) the following summary of results obtained:—(1) Subcutaneous injection of fish-liver oils into rabbits produces a marked stimulation of phagocytes, fibroblasts, and young capillaries. Liquid paraffin and olive oil are relatively inert. (2) The vitamin-A contents of the oils are not responsible for this reaction. (3) The cellular stimulation produced by cod-liver oil appears to be of a nature to facilitate the process of healing of wounds.

Story of Syringes

Britain's largest factory for the manufacture of hypodermic syringes is at the Clerkenwell headquarters of the General Surgical Company, Ltd., where Fivepoint syringes are made

THE General Surgical Co., Ltd., Gensurco House, Rosebery Avenue, London, E.C.1, issues its Fivepoint hypodermic syringes in unpretentious blue cartons. Apart from a black star on one printed side there is little attempt to attract attention in the manner of most other cartons containing branded articles of commerce. Yet wrapped up in those cartons is a chronicle of obstacles overcome, of manual dexterity patiently acquired, and of precise machinery ingeniously devised. The start of the story is back in the years of the Great War. Hypodermic syringes were required in hundreds for the treatment of the wounded on all fronts, but



Varieties of Fivepoint hypodermic syringes

their manufacture was virtually an enemy monopoly. English mechanics set to work without delay, and before long several factories were producing in quantity. At the end of the war, Government orders dropped to practically nothing while too many medical men in private practice still held a belief in the superiority of foreign instruments. Consequently, many makers discontinued manufacture and the industry lay dormant. Dormant, but not dead.

In the workshops of the General Surgical Co. the machines were kept employed and improvements were devised with the object of counteracting the strongly entrenched foreign competition. The tide turned when tariffs were introduced. To-day, this one factory keeps scores of employees permanently busy. Production is at the rate of many hundreds per week and even this does not meet all demands. Contracts held from many Government departments are a mainstay, but the market is by no means confined to domestic users. An amusing sidelight is thrown on the demand from abroad by a certain Polish order recently received which, to meet Customs requirements, requisitioned the syringes by weight. It is asserted that syringes could be sold in far greater quantity if the means of production were adequate, but the processes demand highly skilled workers whose training is slow and costly, while similar workers in other industries lack the special dexterity required for some of the operations.

Start to Finish

At Gensurco House, every contributory process is carried out. Three standard types of syringe are made: record (glass barrel, metal piston and mounts); glascord (glass piston, and barrel, metal nozzle); and two-piece glass (glass piston, barrel and nozzle). By far the greatest quantity produced are record syringes. In these there are six components of metal and one of glass. Nozzles are fashioned from solid brass rod, on a single machine, which shapes the needle mount, routs out the seating for the glass barrel, drills the central bore and cuts clean through the rod to prepare for the next nozzle. Collar, cap and piston-stem with thumb-piece are similarly made and transferred, after plating, to "nests" in the assembling room. The glass barrels are cut from lengths of glass tubing previously examined through a strain viewer and ground internally on lathes to produce a perfectly uniform bore. To each barrel a piston is matched by precision turning on a finishing lathe before both are passed back to the grinder to be finally lapped together. The glass barrel is graduated before assembly. It

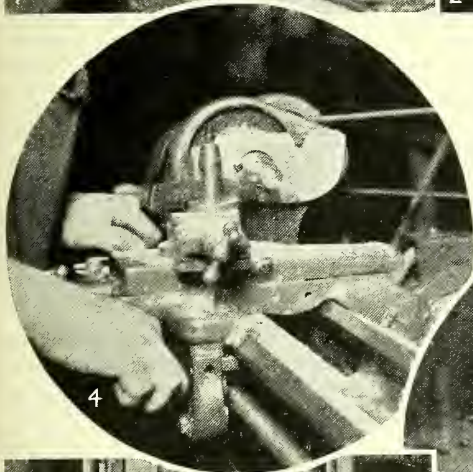
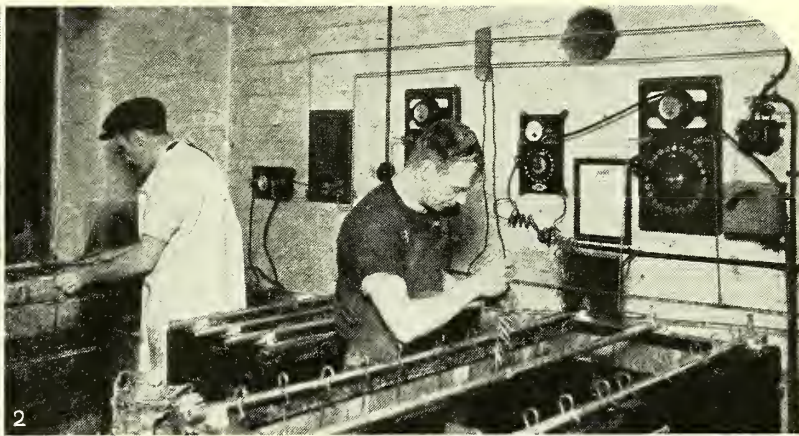
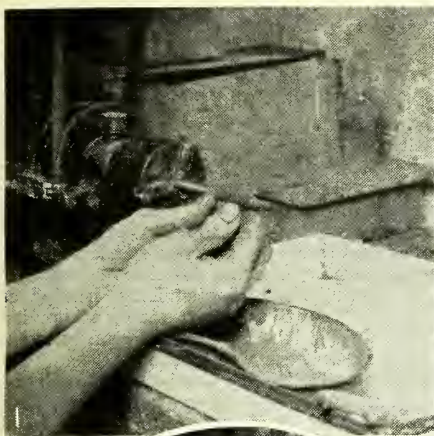
is coated with wax on which the calibrations are scratched in minims or c.c.s., or both, or in insulin units, or in all three. There are six machines for this work, five of them made in the works to an original design. The inscribed, waxed barrels are coated with an acid paste and left until etched deeply enough. After pigmenting, the etched barrels are ready for soldering to the metal nozzle and collar. The solder used has, of course, a coefficient of expansion approximately equal to that of the glass, but even so the operation is delicate. With such skill is it carried out, however, that it looks almost like "child's play." The assembled syringe must pass the scrutiny of a worker whose "feel" has acquired the heightened sensitiveness of many years' experience. The syringe, after approval, is packed into a carton upon which are written the type and capacity of the syringe. In principle, the glascord and two-piece glass syringes are similarly constructed, but the construction calls for the even more specialised dexterity of a glass-blower whose experience cannot be obtained in any other industry. Drawing-out, blowing and manipulation in the blow-pipe flame form a pretty display of craftsmanship than which the making of the piston-head is only less fascinating to watch. There is issued by the company a desk-model hypodermic syringe, consisting of a syringe supported in a glass tube set erect upon a circular base. This tube is fashioned by the same worker. The base is most skillfully coaxed from a bubble blown to a suitable diameter, pierced and gradually opened with an instrument resembling a paperhanger's scraper in miniature until it finally becomes perpendicular to the tube.

Improvements and Innovations

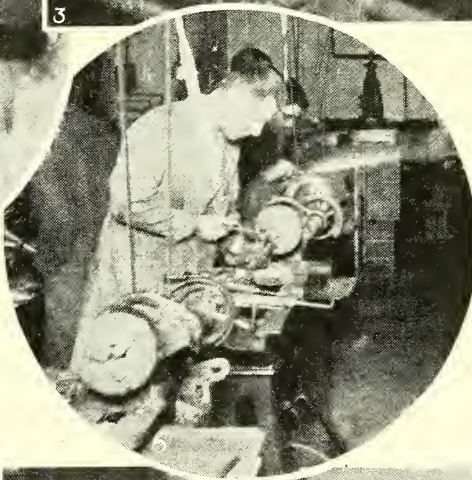
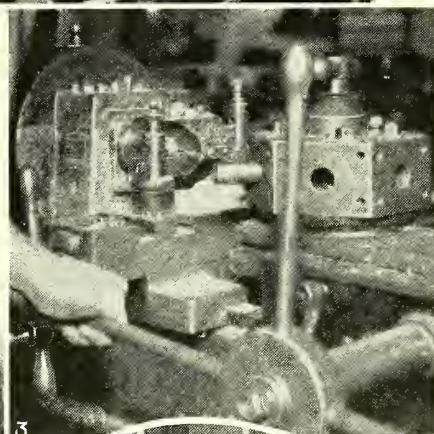
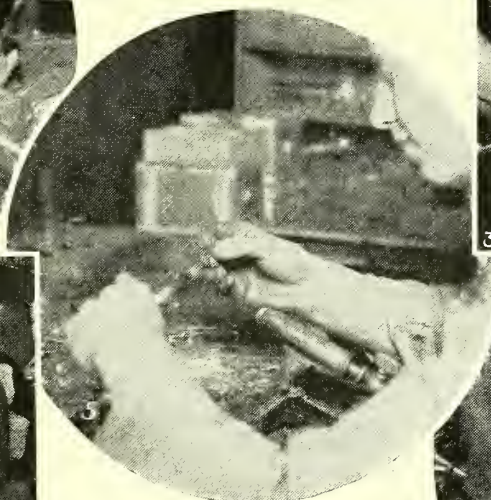
The processes described above assume the use of plain glass, which has to be carefully annealed and to be treated with circumspection at all stages. For some considerable time, however, Pyrex glass has been adopted for a large number of syringes produced, including many supplied under Government contracts. This branded glass has a low coefficient of expansion and does not crack or break when transferred from the high temperature of a steriliser to solutions at ordinary atmospheric temperature. The same property eliminates some of the difficulties of manufacture. It is probable, therefore, that in time the combined benefits to user and maker will result in Pyrex glass being exclusively used in the construction of hypodermic syringes. Another recent innovation has been the manufacture of a pocket-type, ready-to-use syringe in spirit-tight container. Its needle is protected by an inner stop-tube; a spring keeps the syringe from rattling; and an external clip gives the apparatus something of the appearance of a fountain pen. Its uses, especially in insulin administration, will be obvious.

Other Activities

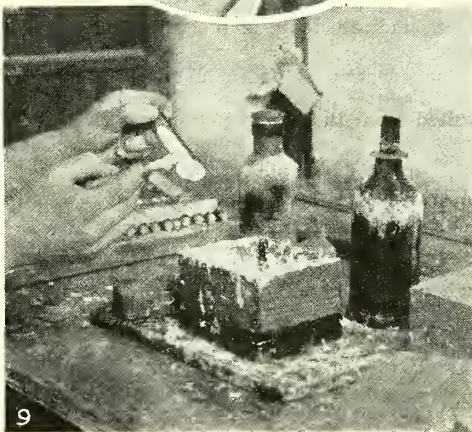
The story of Fivepoint syringes is hardly complete in itself. The inventive ingenuity, technical skill and elaborate machinery which have contributed to their production have been turned to account in other ways. Particular pride is shown by the technical director (Mr. H. Longmate) in a beautifully finished sphygmomanometer, wholly produced in the factory except for its polished wood box. Many other types of surgical instruments and medical and scientific apparatus are manufactured here, but even these do not complete the tale. Out of an almost accidental beginning has grown an entirely new department for the manufacturing of permanent-waving apparatus and accessories, as exhibited at the Hair and Beauty Fair (*C. & D.*, October 3, p. 389). All parts of the hair-waving apparatus are made in the factory except the electric motor units. But these departments offer stories for another writer and for other readers.



Syringes in the Making



1. "Truing" a glass barrel. 2. The plating baths. 3. Nozzle-making on "capstan" lathe. 4. Turning a metal piston. 5. Forming a glass nozzle. 6. In the metal workshop. 7. Final fitting and assembly. 8. Calibrating by machine. 9. Applying the etching paste.



Dr. Bryant Calls for Unity

THE inaugural meeting of the Birmingham Pharmaceutical Association took place at the Grand Hotel, Colmore Row, on October 14. The proceedings commenced with a reception by the president (Dr. E. G. Bryant) and Mrs. Bryant. An excellent musical programme was given by Mrs. Bryant, Mr. W. Kelley, Mr. F. L. Dent, Mr. F. A. Thomas, Mr. Gordon Thomas and Mr. A. E. Seager. The principal event of the evening was the president's

Inaugural Address

[ABSTRACT]

You will recall that the Pharmaceutical Society was established in 1841, with the object of protecting the interests of those who should practise chemistry and pharmacy. You will note the conjunction of the practitioner of chemistry and the pharmacist, for at that time the profession of chemistry was not as clearly defined as it came to be at a not much later date. The power of the Society was interpreted liberally until the Jenkin case in 1920, for the Society conducted, for example, negotiations regarding dispensing and pharmaceutical service under the National Health Insurance Act of 1911. The finding of the Court in the Jenkin case deprived the Society of any power to take part in what we may describe as trade union functions, such as terms of service, remuneration and other kindred matters. As a consequence the Retail Pharmacists' Union, later to be known as the National Pharmaceutical Union, was founded with the object of carrying out the aims of the Society in regard to protection of the trading interests of chemists and druggists. In 1922 the Society adopted its branch organisation to enable the parent Society to discharge its functions in the promotion of what we may call the professional aspects of pharmacy. It then became necessary to consider the best means of co-ordinating the work of the Union and of the Branch of the Society centred in the city, and whether it was desirable to continue the activities of the Birmingham Pharmaceutical Association, which, as the Midland Counties Chemists' Association, had had a long and honourable record. The question was solved very satisfactorily by uniting in one Council the committees of the Union, the Branch and the Association.

We can well see that an arrangement of this kind could be at once a source of strength as well as of weakness, for membership of the Association was and is voluntary. Just as many pharmacists did not consider it worth while to become members of the Society when membership was optional, so many do not make their contribution to the Association. Our weakness has been this lack of cohesion and unity. It is very probable that, if we had been able to speak with one voice we should have been in a far stronger position to-day than we are, and my plea as your president for the year is that we should close our ranks and unite in the Association for the furthering of all the interests for which the Association stands. The next twenty years will be critical for the future of pharmacy, and I may indicate some of the problems which we shall have to face.

The educational policy of the Society will have its effects upon the retail pharmacist. Formerly, an apprentice was recruited from those who presented a low certificate of general education, sometimes the errand-boy, who, with diligence and ability, passed the Junior College of Preceptors' examination and the Minor. They made a very good type of chemist. The raising of the educational standard results in the raising of the age of entry, and, if, as we agree should be the case, the Preliminary Scientific examination must be passed before apprenticeship, the age of entry on pupilage will be very much higher than formerly. We shall have to consider how the greater age of our apprentices, and the different type of apprentice who will be available, will affect our supply of labour, and its possible repercussions upon the unqualified and unqualifiable worker. We shall have to think also of the kind of apprenticeship we can offer. Apprenticeship is shorter than it was, and it is no longer possible to give facilities for the

manufacture of our galenicals as we used to do. Many factors have brought about that change.

Again, parliamentary action will bring about further changes in the practice of pharmacy. The Act of 1933 is admitted to be an experimental and transitional measure. I suggest that we shall be in a position to promote our interests in the face of legislative action only if we are united and can speak with one voice. We may have to consider whether the title "chemist" will be restricted to the practitioner of chemistry, leaving us with the title "pharmacist." I am not pronouncing an opinion on that matter, but am bringing it to your notice as a question which may arise in the not very distant future.

A public health service, controlled by the State through the municipality, is being developed. Are pharmacists taking their due place in this development? I contend that no service of this nature is complete unless it takes into account the contribution which the chemist can make to the public welfare, and he must prove that he is, by training and outlook, competent and ready to render efficient service in this direction. That we can attain only by concerted action. Along with this move, we can gain the reservation of dispensing, of whatever nature, to pharmacists, by union within our ranks.

The development of the multiple chain pharmacy and the invasion of the financier into pharmacy have brought a host of problems in their train. Whether we like it or not, they have come, and will, one foresees, gain a stronger position in the future. How best to meet their competition and fortify the position of the individual trader, for whom there is, and will always be, a place, is a question which will demand the united consideration of all engaged in pharmacy.

These are national questions, but there is one of local interest to which I must refer, namely, the visit to Birmingham of the British Pharmaceutical Conference in 1939. A Conference in our midst is an event which occurs so infrequently that it becomes of peculiar interest. It can have an elevating influence on all chemists in this area. I am convinced that, given closed ranks, pharmacy has sufficient adaptability to enable it to meet and solve all the problems which confront it.

A draw in aid of the Benevolent Fund of the Pharmaceutical Society realised £12 2s.; five prizes given by members were won by Mrs. D. M. Herington, Messrs. G. Bolus, Roy Howard, L. H. Teare and F. L. Dent. A vote of thanks to the artists and donors concluded the proceedings.

Histidine in Peptic Ulcer

In a recent issue of "The Lancet" (5900, 735), E. Bulmer discusses the results obtained in 126 cases of peptic ulcer treated with daily intramuscular injections of histidine. The author's conclusions are:—

(1) Ambulatory treatment with injections of histidine gives at least as good results as ambulatory treatment with a diet-alkali régime; a remission has been obtained in three-quarters of the patients, and of these 60 per cent. have secured a normal radiogram.

(2) The treatment should be reserved for simple, uncomplicated cases, and it is contra-indicated in active or recurrent hæmorrhage, in deep or callous ulcers, and in cases of pyloric stenosis, either because it is ineffectual or because other methods of treatment are desirable. The two other indications are in stoma-ulcer, and in patients in whom other methods have failed.

(3) Relapse appears to be uninfluenced by a single course of injections.

(4) It should be regarded at present as an adjunct to simple diet-alkali treatment; it is most useful as an ambulatory method, but adequate after-treatment should be enforced on the usual lines—simple meals, interpolation of "feeds," antacids.

(5) The mode of action is obscure, and the current theories probably untenable.

Pharmaceutical Society of Great Britain

Edinburgh Examination Results

The following are the results of the examinations held in Edinburgh during October:—

| | No. | PRELIMINARY SCIENTIFIC EXAMINATION | | | | CHEMIST AND DRUGGIST QUALIFYING EXAMINATION | | | |
|---------------------------------------|-----|--|--------|----------|--------|--|--------|----------|--------|
| | | Absent | Failed | Referred | Passed | Absent | Failed | Referred | Passed |
| Entered for Prelim. Sc. exam. ... | 153 | 7 | 79 | 28 | 59 | — | — | — | — |
| Referred subject in Prelim. Sc. exam. | 72 | 2 | — | 14 | 56 | — | — | — | — |
| Entered for C. and D. exam. ... | 82 | — | — | — | — | 2 | 26 | 14 | 40 |
| Referred subject in C. and D. exam. | 44 | — | — | — | — | — | — | 6 | 38 |
| | 351 | 9 | 79 | 42 | 95 | 2 | 26 | 20 | 78 |

Candidates have been referred as follows:—Botany, 12; chemistry, 15; physics, 15; pharmacognosy, 4; pharmaceuticals, 10; physiology, 1; pharmaceutical chemistry, 5.

Candidates have failed as follows:—Botany, 73; chemistry, 68; physics, 78; pharmacognosy, 26; pharmaceuticals, 18; physiology, 13; pharmaceutical chemistry, 24; forensic pharmacy, 5.

CHEMIST AND DRUGGIST QUALIFYING EXAMINATION

The following candidates have satisfied the examiners in the Chemist and Druggist Qualifying examination:—

| | |
|-----------------------------------|------------------------------------|
| Aikman, Charles, Stirling | Little, Geoffrey, Chester |
| Allison, J. R. W., Edinburgh | Loach, Frederick, Helensburgh |
| Auld, James, Newmilns | Lockie, Alexander, Renfrew |
| Ballantyne, D. R., Falkirk | Long, Arthur, Oldham |
| Barnes, Jack, Skipton | Macdonald, Ian, Perth |
| Beattie, G. S., Dunfermline | Mackie, W. T., Aberdeen |
| Berven, Margaret G., Monk-seaton | Mason, R. E., Leeds |
| Boyd, T. A. McL., Glasgow | Maxwell, J. M., Musselburgh |
| Boydell, A. C., Leigh | Morrell, Arthur, Bradford |
| Brown, W. T., Goole | Munro, J. McG., Glasgow |
| Cargill, C. S., Glasgow | Nicholson, R. A., Liverpool |
| Clarke, Bernard, Chorley | Pearson, Barbara J., Leith |
| Conchie, George, Glasgow | Phillips, Ellis, Leeds |
| Croal, Isobel M., Falkirk | Pitkeathly, Helen G., Edinburgh |
| Curtis, R. E. G., Liverpool | Pow, A. B., Drem |
| Diamond, D. C., Barrow-in-Furness | Pullom, E. N., Leeds |
| Ellison, Muriel L., Wigan | Rodger, R. R., Lochgelly |
| Evans, H. O., Durham | Shewan, William, Aberdeen |
| Ewen, Norman, Tain | Silver, Isadore, Leeds |
| Gardner, Sheila, Edinburgh | Simpson, A. A., Aberdeen |
| Gauld, A. R., Huntly | Simpson, Elsie, Tarves |
| Gauld, H. E. McG., Dalkeith | Smartt, T. A., Liverpool |
| Gordon, F. K., Aboyne | Smith, P. H., Bradford |
| Graham, C. C., Wigton | Sugden, L. H., Leeds |
| Green, Eileen F., Wootton | Sutcliffe, E. N., Lytham St. Annes |
| Green, H. M., Leigh | Theaker, D. B., Rock Ferry |
| Hackett, H. L., Whitley Bay | Thomas, Milton, Burnley |
| Hancock, C. W., Sunderland | Thompson, Mary, Liverpool |
| Hedde, R. S., Kirkwall | Tocher, E. A. G., Coldstream |
| Henderson, Francis, Wick | Tomes, W. H. S., Rhyl |
| Hetherington, L. R., Tyne-mouth | Troup, J. S., Inverurie |
| Howard, G. M., Southport | Walker, J. B., Stranraer |
| Hughes, Hywel G., Liverpool | Wigglesworth, Sydney, Bradford |
| Humphreys-Lewis, W. O., Llangefni | Wild, A. S., Littleborough |
| Inglis, Alastair, Leven | Willox, S. M., Peterhead |
| Inglis, Jane S., Leith | Wilson, J. A., Fraserburgh |
| Ions, A. A. D., York | Wilson, J. L., Edinburgh |
| Lavery, A. F., Glasgow | Wood, Donald, Southport |
| Lax, E. J., Bradford | Wood, Eric, Mold |

New Zealand Conference

A CONFERENCE of New Zealand chemists was held on July 22 for the purpose of discussing the situation arising from the recommendations of the Industries and Commerce Committee of the House of Representatives (C. & D., July 18, p. 76) and of considering a scheme for the rationalisation of pharmacy in the Dominion. Mr. H. J. S. Rickard (president of the Pharmacy Board) was in the chair. The following resolutions, which were carried, are taken from the official report of the proceedings:—

Resolutions carried

- (1) That the principle of the costing system of charging for dispensing be adopted.
- (2) That the dispensing fee for the schedule from "mixtures" down to "eye and ear drops" be 6d. for uncompounded, 1s. for compounded, B.P. preparations.
- (3) That the dispensing fee for pills and tablets compounded be 1s. 6d. for the first dozen, 1s. for the second dozen, thereafter 6d. per dozen.
- (4) That the dispensing fee on pills and tablets from stock be cost *plus* 50 per cent., *plus* 6d. recording fee, *plus* the charge for container when not in original package.
- (5) That the dispensing fee on powders and capsules be 2d. each for the first six, 1s. 3d. for the first dozen, and 9d. per dozen thereafter.
- (6) That the dispensing fee on cachets be 3d. each up to 6; for one dozen, 1s. 6d.; 1s. per dozen thereafter.
- (7) That the dispensing fee on suppositories, bougies and pessaries be 2s. up to 6; 2s. 6d. for one dozen, and each extra dozen 2s. When the time of preparation is excessive, 1s. 6d. dispensing fee for each quarter hour.
- (8) That proprietary preparations supplied in original containers but specially labelled be charged retail price *plus* a recording fee of 6d.
- (9) That an additional charge of 6d. be made for prescriptions under the D.D. Act.
- (10) That no booking fee be charged.
- (11) That eye drop bottles be charged at 50 per cent. on cost.
- (12) That opal pots be cut out, and all classed as ointment pots.
- (13) That the scale for medicine and poison bottles be adopted as they stand.
- (14) That this conference, representing the chemists of N.Z., give power to Messrs. Rickard, Butchers, McDougall and Smith to arbitrate on its behalf should the Government reject the proposed dispensing price list.

That when the Government Bill is available the Company Pharmacy Committee provide sufficient copies for distribution to key chemists in all centres.

That the aid of the U.F.S. Dispensaries and the Central Council of Friendly Societies be invoked to render any assistance in their power to have the Bill passed.

That the scheme as outlined for a merger of wholesale interests, with guarantees of support by retailers, be adopted.

At a later stage Mr. C. L. Butchers read the Pharmacy Bill, explaining clauses in detail, and was thanked by the meeting.

New Books

Coleman, F.—*Materia Medica for Dentists*. 5½ in. × 7½ in. 10s. 6d. Oxford University Press, London: Humphrey Milford. Seventh edition. [Revised edition is issued to include alterations necessitated by publication of B.P., 1932, and short accounts have been added relating to bismuth, ethylene, the barbiturates, carbon dioxide, and snake venom, as well as the Pharmacy and Poisons Act, 1933.]

Poucher, W. A.—*Perfumes, Cosmetics and Soaps*. 5½ in. × 8½ in. Pp. 228. 21s. Fifth edition. Chapman & Hall, Ltd., 11 Henrietta Street, Covent Garden, London, W.C.2. [This work is Vol. III of Mr. Poucher's treatises on modern cosmetics. Since the previous edition was published two new chapters have been added:—(a) Rouge and Eye Cosmetics, (b) Sunburn Preparations. In addition, much of the book has been re-edited.]

Trade Report

Where possible scales of prices of chemicals are given for bulk down to small quantities. Prices recorded for crude drugs, essential and fixed oils and coal tar products are for fair sized wholesale quantities. Qualities of chemicals, drugs, essential and fixed oils, etc., vary, and selected brands or grades would be at higher values

28 Essex Street, W.C.2, October 22

THE VOLUME OF BUSINESS being transacted is not quite up to average for the time of year, and the demand is mostly confined to immediate requirements. A fair revival of business to the near Continental countries is noted. There has been no official notice of the re-opening of Anglo-Italian trade but, judging from the recent import lists, a steadily widening range of products is now being shipped to this country. It seems that, if the Italian shipper is willing to accept payment via the Clearing scheme, he has little difficulty in securing the necessary export licence for almost any product. Shipments from Spain to this country, except MERCURY, are still negligible. Payment has to be made through Clearing, and the Spanish shippers are naturally unwilling, under the present circumstances, to agree to such terms. In the PHARMACEUTICAL CHEMICALS market business has been routine and rather disappointing. Values are keeping about steady, with no change of importance to record. Most of the Continental conventions are willing to book orders for prompt shipment at the old prices, but are not accepting forward contracts.

Crude Drugs

Business in these products has continued rather on the slow side, the volume being less than normal. Interest in new crop AGAR for distant shipment. CURAÇAO ALOES have sold in good quantity on spot. Steady business in BUCHU. CARDAMOMS continue firm forward and short on spot. A little better demand for CASCARA SAGRADA on spot; shipment quotations are firm. Bergen reports Norwegian COD-LIVER OIL is firm and in good demand. Shipment quotations for Portuguese ERGOT have recovered, but buyers are not inclined to show confidence in the market. HYDRASTIS is comparatively cheap on spot; very firm forward. Good sales of Matto Grosso IPECACUANHA are reported and spot values have advanced; Japanese MENTHOL has sold quietly on spot at steady prices; shipment market remains dull. A further advance in Spanish MERCURY. A sharp advance in Rough Round RHUBARB for shipment is recorded. SENEGA is slightly cheaper on spot than the forward quotation. Alexandrian SENNA pods have met with a little better demand on spot. The textile grades of TRAGACANTH have been selling well.

Essential Oils

Business in these products has again been disappointing, and competition in some lines is becoming acute. Limited supplies of ANISE (SIAR) on spot are moving quietly; only re-sale lots offered for shipment. Shipment quotations for BERGAMOT, LEMON, and other SICILIAN products, after weakening, are now reported steadier at substantial increases. Some fair business is reported in the shipment market for CASSIA. Australian EUCALYPTUS is very firm on spot, with shipment offers restricted. Bourbon GERANIUM is steadier for shipment. Moderate sales of LAVENDER on spot at irregular prices. No Californian cold-pressed LEMON available here. French Guinea ORANGE tends somewhat easier on spot, and there are indications from the source of attractive prices for new crop oil, but no definite offers are yet being made. JAPANESE PEPPERMINT has sold quietly, and the spot market is held steady at the slight decline; forward market dull. Bids sent out for new crop CHINESE PEPPERMINT have been unexpectedly rejected. Zanzibar CLOVE BUD oil is available here. The Madagascar oil is firm on spot, with no shipment offers.

Exchange Rates on London

The following is a list of the chief Continental and other exchange rates at the opening on Thursday morning:—

| Centre | Quoted | Par | Oct. 15 | Oct. 22 |
|----------------|-------------|---------|---------|---------|
| Amsterdam ... | Fls. to £ | 12.107 | 9.20 | 9.10 |
| Berlin ... | Mks. to £ | 20.43 | 12.20 | 12.16 |
| Brussels ... | Belgas to £ | nominal | 29.15 | 29.05 |
| Copenhagen ... | Kr. to £ | 18.159 | 22.40 | 22.40 |
| Lisbon ... | Esc. to £ | 110 | 109½ | 109½ |
| Madrid ... | Ptas. to £ | 25.22½ | nominal | nominal |
| Milan ... | Lire to £ | 92.46 | 93.25 | 93 |
| Montreal ... | Dol. to £ | 4.86½ | 4.89½ | 4.89 |
| New York ... | Dol. to £ | nominal | 4.89½ | 4.89 |
| Oslo ... | Kr. to £ | 18.159 | 19.90 | 19.90 |
| Paris ... | Fr. to £ | 124.21 | 105 | 105½ |
| Prague ... | Kr. to £ | 164.25 | 138½ | 138½ |
| Stockholm ... | Kr. to £ | 18.159 | 19.40 | 19.40 |
| Warsaw ... | Zloty to £ | 43.38 | 26½ | 26½ |
| Zurich ... | Fr. to £ | 25.2115 | 21.30 | 21.28 |

Bank rate 2 per cent.

Pharmaceutical Chemicals, etc.

BUSINESS has been rather quiet for the time of year and continues to be mostly for spot supplies. Citrates are steadier at last week's reductions. Salicylates have been in slightly better inquiry. No change in Continental convention prices, with no quotations in foreign currencies.

ACETANILIDE.—Market quoted unchanged, business quiet: B.P. crystals and powder, 1s. 5½d. to 1s. 8d. per lb., as to quantity.

AMIDOPYRINE.—Dealers' spot quotations are irregular. No forward quotations from the Continent: crystals, five cwt., 18s. 0½d.; two cwt., 18s. 5½d.; less than two cwt., 18s. 10½d. per lb., with powder 2½d. per lb. extra.

AMMONIUM ICHTHIOSULPHONATE.—Spot values steady: one cwt., 1s. 6½d., in 14-lb. tins; 1s. 8d., in 1-lb. tins; 1s. 10½d., in 8-oz. tins; and 2s. 1d. per lb., in 4-oz. tins.

ASPIRIN (TABLETS).—The following are agreed wholesale prices for the British makers: Under 5,000, 3s. per 1,000; 5,000, 2s. 11d.; 10,000, 2s. 10d.; 25,000, 2s. 9d.; 50,000, 2s. 8d.; 75,000, 2s. 7d.; 100,000, 2s. 6d.; 250,000, 2s. 5d.; 500,000, 2s. 4d.; 1,000,000, 2s. 3d.; 2,000,000 and over, 2s. 2d. per thousand tablets. A rebate of 1d. per 1,000 is allowed on orders for 10 million tablets taken over a period of 12 months. For small quantities higher prices would be asked by wholesale distributors.

BARBITONE.—No quotations from the Continent in foreign currencies: spot dull and unsteady: spot, one cwt., 15s. 3½d.; 56 lb., 15s. 8d.; small parcels, up to 16s. 3d. per lb.

BENZOIC ACID (B.P.).—Makers' prices unchanged: quantities, ex works, 1s. 9½d.; spot parcels, 1s. 10d. to 2s. 3d. per lb., ex store, as to quantity.

BISMUTH SALTS.—Makers' scales of prices are quite steady: Carbonate, B.P., one cwt., 6s. 6d.; 28 lb., 6s. 9d.; 8 lb., 7s. 3d.; less than 8 lb., 8s. 6d. per lb., with rebates on contracts for larger quantities.

BROMIDES.—Makers' scales of prices steady at the advance recently recorded. No Continental quotations. POTASSIUM, B.P., five cwt., 1s. 8d.; one cwt., 1s. 9d.; 28 lb., 2s. per lb. SODIUM, B.P., five cwt., 1s. 10d.; one cwt., 1s. 11d.; 28 lb., 2s. 2d. per lb. AMMONIUM, B.P., five cwt., 1s. 11d.; one cwt., 2s.; 28 lb., 2s. 3d. per lb., net. Resale clause applies. 28-lb. parcels and one-cwt. cases free. Export quotations have been advanced, as follows: POTASSIUM, B.P., five cwt., 1s. 4d.; one cwt., 1s. 4½d. SODIUM, B.P., five cwt., 1s. 5d.; one cwt., 1s. 5½d. AMMONIUM, B.P., five cwt., 1s. 6½d.; one cwt., 1s. 7d. per lb., f.o.b.

BUTYL CHLORAL HYDRATE.—Values steady, business slow: spot, 14 lb., 8s.; 7 lb., 8s. 3d.; 1 lb., 8s. 6d. per lb., in 1-lb. bottles.

CAFFEINE.—Continental material, spot prices: pure alkaloid, two cwt., 7s. 10d.; one cwt., 8s.; 56 lb., 8s. 2d.; smaller quantities, 8s. 4d. per lb., delivered, 5-lb. tins free, smaller packing extra. Citrate, two cwt., 5s. 5½d.; one cwt., 5s. 6½d.; 56 lb., 5s. 7½d.; smaller quantities, 5s. 8½d. per lb., delivered British material, pure, 56 lb. 8s. 4d.; less, 8s. 6d. per lb. Citrate, 56 lb., 5s. 9d.; less, 6s. per lb.

CITRATES.—Makers' scales of prices continue at the reduction reported last week, as follow:—

| | Under 4 lbs. | 4 lbs. and under 7 lbs. | 7 lbs. and under 14 lbs. | 14 lbs. and under 28 lbs. | Not less than 28 lbs. |
|------------------------|--------------|-------------------------|--------------------------|---------------------------|-----------------------|
| | Lb. s. d. | Lb. s. d. | Lb. s. d. | Lb. s. d. | Lb. s. d. |
| Iron ammon. citrate | | | | | |
| B.P. | 2 4 | 2 2 | 2 0 | 1 11 | 1 9 |
| Pot. citrate B.P. | 2 0 | 1 10 | 1 8 | 1 7 | 1 5 |
| Sod. citrate B.P. | 2 1 | 1 11 | 1 9 | 1 8 | 1 6 |

Usual conditions. Net, without engagement. Special rates for quantities and contracts. The previous price adjustment was on July 2, 1935. The scales of prices for bulk quantities, minimum one cwt., have been reduced by 2d. for Pot. and Sod. Citrates and by 3d. for Iron Ammon.

CITRIC ACID (B.P. CRYSTALS).—The market quotation continues unchanged: British material quoted at 1s. per lb., less 5 per cent. discount, nominal and without engagement. Dealers' prices for imported material are competitive.

CREAM OF TARTAR.—Fair business, market steady: British material, 99 to 100 per cent., 79s. per cwt., less 2½ per cent. discount. Dealers' prices for foreign material competitive.

CREOSOTE (B.P.).—Only small business being done: bulk quantities, in 25-kilo demijohns, 1s. 8d.; small parcels, 1s. 9d. to 2s. per lb., ex store.

GLYCERIN (B.P.).—Up to the moment there has been no change in first-hands home trade prices, which are now below world prices.

GUAIACOL CARBONATE.—The demand on spot remains quiet. Home and imported material quoted at about 6s. per lb., as to quantity.

MERCURIALS.—Makers' scales of prices continue at the advance recently recorded and are firm: not less than one cwt., ammoniated, B.P., lump, 5s. 5d.; powder, 5s. 7d.; bichloride, B.P., lump, 4s. 8d.; powder, 4s. 4d.; chloride, B.P., 5s. 5d.; yellow oxide, B.P., 5s. 10d.; persulphate, white, B.P.C., 5s. 7d.; sulphide, black (hyd. sulph. cum sulph., 50 per cent.), 5s. 6d.; less than one cwt., ammoniated, B.P., lump, 5s. 6d.; powder, 5s. 8d.; bichloride, B.P., lump, 4s. 9d.; powder, 4s. 5d.; chloride, B.P., 5s. 6d.; yellow oxide, B.P., 5s. 11d.; persulphate, white, B.P.C., 5s. 8d.; sulphide, black (hyd. sulph. cum sulph., 50 per cent.), 5s. 7d. per lb. Special prices for large quantities.

METHYL SALICYLATE.—Business is only moderate, quoted unchanged: spot, ten cwt., 1s. 1½d.; five cwt., 1s. 2d.; one cwt., 1s. 2½d.; less than one cwt., 1s. 2½d.; small quantities, in bottles, up to 2s. per lb.

METHYL SULPHONAL.—No shipment offers from the Continent. Dealers' spot quotations are irregular: two cwt., 19s. 3½d.; one cwt., 19s. 9½d.; 56 lb., 20s. 2½d.; small parcels, up to 20s. 9d. per lb.

PARAFORMALDEHYDE.—Moderate demand continues: 100 per cent. powder, quantities in kegs, 1s. 1d.; smaller parcels, 1s. 2d. to 1s. 6d. per lb., as to quantity.

PHENACETIN.—Market is steady as quoted, fair business: bulk quantities, 2s. 6d.; smaller parcels, from 2s. 7d. to 3s. per lb., as to quantity.

PHENAZONE.—Not much business on spot. No forward offers from the Continent: crystals, five cwt., 8s. 7½d.; two cwt., 8s. 9½d.; one cwt., 9s. 0½d.; less, 9s. 3d. per lb., with powder 2½d. per lb. extra.

PHENOLPHTHALEIN.—Not much business; makers' prices unchanged: two cwt., 2s. 9d.; one cwt., 2s. 10d.; 28 lb., 3s.; 14 lb., 3s. 1d.; 7 lb., 3s. 2d.; smaller parcels, up to 3s. 6d. per lb.

POTASSIUM PERMANGANATE (B.P.).—Dealers' spot prices are unchanged: bulk quantities, in drums, 8d. to 8½d.; druggists' parcels, from 9½d. to 1s. per lb., as to quantity.

POTASSIUM SULPHOGUAIACOLATE.—Dealers are quoting spot from 6s. 3d. to 6s. 4½d. per lb., as to quantity. Market dull.

QUININE SALTS.—Convention prices continue nominally unchanged. Quoted in sterling, no foreign currencies: sulphate, 2s. 2d.; bisulphate, 2s. 2d.; ethyl carbonate, 2s. 9½d.; salicylate, 2s. 10½d.; hydrochloride, 2s. 8½d.; bihydrochloride, 3s.; hydrobromide, 2s. 8½d.; bihydrobromide, 3s.; valerianate, 3s. 8d.; hypophosphite, 4s.; alkaloid, 3s. 0½d. per oz., carriage paid on bulk quantities; 100-oz. tins free, smaller packages extra.

RESORCIN.—British material quoted as follows: crystals, one cwt., 4s. 11d.; 56 lb., 5s.; 28 lb., 5s. 1d.; 14 lb., 5s. 3d.; 7 lb., 5s. 6d.; less than 7 lb., up to 6s. per lb.

SALICYLIC ACID (B.P.).—A quiet market, with makers' prices unchanged: five cwt., 1s. 7d.; one cwt., 1s. 7½d.; 28 lb., 1s. 8d.; 14 lb., 1s. 9d.; 7 lb., 1s. 10d.; 4 lb., 2s. per lb.

SALOL.—Values are unchanged, business modest: spot, crystals, two cwt., 3s.; one cwt., 3s. 0½d.; 56 lb., 3s. 1½d.; smaller parcels, up to 3s. 3d. per lb.; powder, 2½d. per lb. extra.

SANTONIN.—This market has not yet settled down, with spot material available in the region of £14 to £15 per kilo, as to quantity.

SODIUM BENZOATE (B.P.).—Fair business, with keen prices for quantities: bulk quantities, 1s. 6d.; one cwt., 1s. 7d.; smaller parcels, 1s. 8d. to 2s. per lb., as to quantity.

SODIUM DIETHYL BARBITURATE.—Quoted unchanged, market quiet: spot, one cwt., 13s. 3d.; 28 lb., 13s. 6d.; 14 lb., 13s. 9d.; 7 lb., 14s.; smaller parcels, up to 14s. 6d. per lb.

SODIUM SALICYLATE (B.P.).—A little more inquiry, quoted unchanged: home trade, crystals or powder, five cwt., 1s. 5½d.; one cwt., 1s. 6d.; 28 lb., 1s. 9d.; 14 lb., 1s. 11d.; 7 lb., 2s.; 1 lb., 2s. 3d. per lb.

TARTARIC ACID (B.P. CRYSTALS).—Continues to be quoted at former values: British makers quote at 1s. per lb., less 5 per cent. discount. Dealers offering foreign materials at competitive prices.

THEOBROMINE.—Continental material: pure, two cwt., 7s. 10d.; one cwt., 8s.; 56 lb., 8s. 2d.; smaller quantities, 8s. 4d. per lb. Sodium salicylate, two cwt., 6s. 3½d.; one cwt., 6s. 4½d.; 56 lb., 6s. 5½d.; smaller quantities, 6s. 6½d. per lb., delivered, 5-lb. tins free, smaller packages extra.

THYMOL.—Quiet demand, quoted unchanged: synthetic, fine white, two cwt., 5s. 10d.; one cwt., 6s.; 56 lb., 6s. 3d.; 28 lb., 6s. 9d.; smaller parcels, 7s. 6d. per lb.; ex ajowan seed, one cwt., 8s. 5d.; 56 lb., 8s. 10½d.; 28 lb., 9s. 5½d.; 14 lb., 10s. 6d. per lb.

VANILLIN.—The Convention prices are steady, fair amount of business: ex clove oil or guaiacol, five cwt., 12s. 9d.; one cwt., 13s.; 56 lb., 13s. 3d.; less, 13s. 9d. per lb.

Crude Drugs, etc.

ACONITE ROOT.—Supplies of *Napellus* are extremely scarce, value nominal. Japanese is available at about 45s. per cwt. in small parcels.

AGAR.—Market is generally steady, business moderate: spot, Kobe No. 1, 2s. 9d.; No. 2, 2s. 6d.; Yokohama No. 1, 2s. 5d. per lb.; shipment, Kobe No. 1, 2s. 5½d.; No. 2, 2s. 2½d.; Yokohama No. 1, 2s. 2d. per lb., c.i.f. Some business in new crop, with Kobe No. 1, January-February, 2s. 2d.; No. 2, February-March, 2s. 1d. per lb., c.i.f.

ALOES.—Fair amount doing in Curaçao on spot. Cape, in small boxes, now available on spot; Cape, spot, in small boxes, 62s. 6d.; in large cases, 60s. to 65s.; shipment, nominal. Curaçao, spot, 92s. 6d. to 105s., as to quality; shipment, 92s. 6d. per cwt., c.i.f.

ANTIMONY.—Chinese crude is quoted for October-November shipment at £27, c.i.f. English regulus at £67 10s. to £68 10s., spot.

BALSAMS.—Business has remained quiet: *Tolu*, 1s. 9d.; *Canada*, 2s. 8d.; *Copaiba*, 1s. 2d.; *Peru*, 5s. 4d. per lb., spot.

ARNICA FLOWERS.—Dealers are offering spot supplies at about 1s. 2d. per lb. for small parcels.

BUCHU.—There has been a steady sale this week of one or two bale lots, and prices are now quite steady, fair to good rounds, 2s. 9d. to 2s. 10½d.; ovals, about 2s. 3d. per lb., as to quality.

CAMPHOR.—Average spot business, with values unchanged. Japanese, spot, tablets, 2s. 5d.; powder, 2s. 2½d.; slabs, 2s. 2½d. per lb., duty paid; English refined flowers, one cwt., 3s. 1d.; 28 lb., 3s. 2d.; small lots, 3s. 3d. per lb. Transparent tablets, 4 oz., 8 oz. and 16 oz., 3s. 4d.; 1 oz. and 2 oz., 3s. 5d.; ½ oz., ½ oz. and ¼ oz. 3s. 6d. per lb. Contracts at special prices.

CANTHARIDES.—Small sales on spot: Russian, 6s.; Chinese, 2s. per lb., as to quantity; shipment, Chinese, 1s. 6d. per lb., c.i.f.

CARDAMOMS.—Green Aleppy are now quoted for shipment in limited quantities at 3s. 4d., c.i.f. Bombay seed is again dearer at 4s. 4d., c.i.f., with spot sellers at 4s. 4d. per lb.

CASCARA SAGRADA.—A little more business moving this week; shipment prices are fully maintained: spot, 1936 peel, 56s.; 1933 peel, 65s.; shipment, 1936 peel, 52s., per cwt., c.i.f.

CHAMOMILES.—A modest demand on spot, with prices keeping steady at former prices.

CLOVES.—Values are steady on a quiet market: Zanzibar, spot, 8d.; shipment, October-December, 7½d. per lb., c.i.f. Madagascar, in bond, 7½d.; shipment, October-December, 7d. per lb., c.i.f.

The landings of Zanzibar in London during the week ended October 17 were 150, and the deliveries 28, leaving a stock of 1,584. From January 1 to date the landings of Zanzibar have been 3,757 and the deliveries 3,060. Landings of Madagascar for the week ended October 17 were nil, and the deliveries 34, leaving a stock of 1,522. From January 1 to date the landings of Madagascar have been 3,177 and the deliveries 3,017 packages.

COCONUT (DESICCATED).—Market is steady, moderate business: spot, fine, 23s. 6d.; medium, 23s. per cwt.; shipment, halves, October, 22s. 6d.; November, 22s. 9d.; December, 23s. per cwt., c.i.f.

COD-LIVER OIL.—Bergen reports the shipment market continues firm, with business on a good scale. Shipments to October 17 totalled 63,592 barrels, compared with 66,807 barrels at the same date in 1935 and 75,612 barrels in 1934: finest Lofoten steam-refined non-freezing medicinal oil, 96s. to 97s. per barrel, c.i.f. London. Newfoundland, non-freezing medicinal oil, about 130s. per barrel, ex store. British non-freezing medicinal oil is now quoted at 100s. per barrel, c.i.f. London, duty free, while quotations from another home source are at higher figures.

DANDELION ROOT.—Dealers are offering small parcels of foreign root on spot at about 85s. per cwt.

DERRIS ROOT.—The shipment market is quoted in the region of 9d. per lb., c.i.f., basis 17 per cent. ether extract, but so far little interest has been shown. During 1935, 567 tons of derris root, valued at £55,000, were exported from Malaya.

ERGOT.—Inquiry continues, but actual business remains small. On spot, the lowest offer of Portuguese is 5s. Shipment offers tend steadier, with offers at about 4s., c.i.f., and bids of 3s. 9d. not accepted. Some offers from Spain and business would have resulted, but the shippers were unwilling to accept payment, via clearing and their Government. Their quotation to New York is 4s. 6d., c.i.f.

GENTIAN.—Dealers are quoting spot in the region of 40s. per cwt. Inquiry for offers of new crop, but so far, it is reported, no quotations have been made.

GINGER.—West African is slightly easier; West African, spot, 66s.; for arrival, January-March, 40s. per cwt., c.i.f. Jamaican, spot, bold, in barrels, 85s. to 90s.; small grinding, 62s. 6d. to 65s. per cwt., in bags, ex store.

GUM ACACIA.—Market has remained quiet and is quoted about unchanged: spot, Kordofan cleaned sorts, 39s. 6d.; bleached, No. 1, 100s.; extra, 115s. per cwt.; shipment, Kordofan cleaned sorts, 37s. 6d. per cwt., c.i.f.

HENBANE.—Dealers are offering small parcels on spot at about 80s. per cwt., ex store.

HYDRASTIS.—This market has been quieter and there is now a spot seller at 12s. 6d.; the shipment quotation is firm at 12s. 6d. per lb., c.i.f.

IPECACUANHA.—A very good business has been done this week at full prices on spot: Matto Grosso, B.P. test, 5s. 3d. paid and now nothing offering under 5s. 6d. No shipment offers at the moment. A parcel of Bahai root, test not specified, is available on spot at 4s. 9d. per lb.

MENTHOL.—A moderate demand for JAPANESE, B.P., on spot, with K/S brands about 12s. 4½d.; in bond, 10s. 9d. to 10s. 10½d.; Japanese shippers quote November-December at 10s., c.i.f., with re-sellers at 9s. 9d. per lb., c.i.f. CHINESE, B.P., is offered on spot at about 12s. 3d. and finds a limited sale. No shipment offers of new crop. English synthetic is quoted unchanged from 7s. 6d. to 10s. 6d. per lb., as to quality and quantity.

MERCURY.—The Spanish metal is again quoted dearer for shipment and on spot with limited supplies available. Quoted at 68 dollars per bottle, f.o.b. Continent: c.i.f. London, £14; spot, in small lots, £14 2s. 6d. per bottle, ex store.

OPIMUM.—Dealers report occasional small business: spot, Turkish, 1s. 2½d. per unit, landed and duty paid. Persian, 1s. per unit, in bond.

ORRIS ROOT.—Dealers are offering supplies of Florentine root on spot at 45s. to 50s. per cwt., as to quality and quantity.

PEPPER.—Recent improvements in values are maintained, market steady. Lampong, in bond, 2½d.; shipment, October-December, 2½d.; January-March, 2½d.; March-May, 2½d., c.i.f. Tellicherry, spot, 4½d.; shipment, October-December, 3½s., c.i.f. Aleppy, spot, 4½d.; shipment, October-December, 3½s., c.i.f. White Muntok, in bond, 5d.; shipment, October-December, 4½d.; January-March, 5d. per lb., c.i.f.

PIMENTO.—At the further advance the market is firm: spot, 8½d. per lb.; shipment, October, 75s.; November, 76s. per cwt., c.i.f.

PSYLLIUM SEED.—Some reclaimed seed is available on spot at about 9d. per lb. for small parcels.

RHUBARB.—Rather quiet on spot. There has been a sharp advance in shipment quotations for Rough Round. Spot, Shensi, 4s. to 4s. 3d., with pickings at 2s. 3d. to 2s. 6d. Rough round, all pinky, 1s. 6d.; three-quarters pinky, 1s. 4½d. per lb., duty paid. Shipment offers are sharply dearer with all pinky at 1s. 5½d. and ordinary quality at 1s. 3d. per lb., c.i.f., an advance of threepence on former values.

RUBBER.—Moderate business during the week, market continues steady. Standard ribbed smoked sheet, spot, 7½d.; November, 7½d.; December, 7½d.; January-March, 7½d.; April-June, 8d.; July-September, 8½d. per lb.

SEEDS.—ANISE.—Bulgarian, 27s. 6d. spot, duty paid. CANARY.—Market quiet. Spot prices now quoted are: Mazagan, 30s.; Turkish, 28s.; Plate, 26s.; and Spanish, 70s.; all duty paid. CARAWAY.—Dutch, 37s. 6d. spot, duty paid, and f.o.b. Holland 33s. quoted. CORIANDER.—Spot, Morocco, offered at 13s. 9d. duty paid and 13s. in bond. CUMIN.—Morocco spot quoted at 38s. duty paid and 34s. in bond. No Malta to be had on spot. FENUGREEK.—Morocco spot is 14s. 6d. duty paid. For shipment 10s. 6d., c.i.f., is quoted. DILL.—Indian, 11 per cent. admixture, spot, 15s. 6d. MUSTARD.—English, 22s. 6d. to 32s. per cwt., according to quality.

SENEGA.—Market has been disappointing with cheap spot sellers. Spot, 1s. 6d.; shipment, 1s. 6½d. per lb., c.i.f.

SENNA.—Tinnevely leaves continue to be quoted at the rates detailed in our last report. There has been a better demand for Alexandrian hand-picked pods up to 2s. 6d. per lb., but the acute shortage of the finest quality continues. It is not expected any further choice pods will be received in London until next year's crop, due here early next year. There has been a fair demand for manufacturing qualities, and the large stocks which accumulated during the past few years have been substantially depleted with new arrivals quite negligible. Prices are firmer and 4d. per lb., ex wharf, is now required for palish manufacturing quality.

TRAGACANTH.—The main interest this week has been in the textile qualities with steady sales at increasing prices, closing at £6 15s. to £8 10s. per cwt. Supplies of these lower grades are restricted in selection. Druggists' quality, fine white ribbon, is very scarce, the small quantity available being held for £45 per cwt., ex store.

VALERIAN ROOT.—Some small inquiry, with dealers quoting spot 100t in the region of 40s. per cwt.

WAX.—BEES'. Market quoted unchanged, business quiet: Calcutta bleached, spot, 140s.; shipment, November-December, 131s., c.i.f. Abyssinian, spot, 120s.; in bond, 110s.; shipment, 110s., c.i.f. Benguella, spot, 120s.; shipment, 108s., c.i.f. Conakry, no spot available; shipment, 109s. per cwt., c.i.f. Dar-es-Salaam, spot, 120s.; shipment, steady, at 119s. per cwt., c.i.f. CARNAUBA.—Interest in these products has been poor; quoted about unchanged. Fatty grey, spot, 160s.; afloat, 152s. 6d.; shipment, October-November, 147s. 6d., c.i.f. Chalky grey, spot, 157s. 6d.; afloat, 150s.; shipment, October-November, 147s. 6d.; c.i.f. Primavera, spot, good quality, 215s.; f.a.q., 205s.; afloat, 205s.; shipment, October-November, 190s., c.i.f. Mediana, spot, 205s.; shipment, 192s. 6d. per cwt., c.i.f.

Essential Oils, etc.

Rather slow markets for the time of year, with a modest business mostly confined to smallish spot quantities. The Sicilian oils are reported dearer at the source. Madagascar clove is dearer. French Guinea orange tends to move to lower prices. Japanese peppermint is steady and in fair demand on spot.

ALMOND.—Foreign material is selling at recent prices: English-made, cwt. lots, 3s. 9d.; smaller parcels, up to 4s. per lb.; foreign, cwt. lots, 3s. 6d.; smaller parcels, up to 3s. 9d. per lb. French, bitter, 7s. per lb.

ANISE (STAR).—Spot values are being maintained on a short supply. Nothing offered from the source for shipment; small re-sellers of tins, October-November: spot, leads, 3s. 6d.; tins, 3s. 3d.; drums, 2s. 11½d. to 3s. per lb., ex store; shipment, tins, 2s. 5d.; drums, 2s. 4d. per lb., c.i.f., from re-sellers.

BERGAMOT.—The spot market is reported steady, with first hands asking 10s. 3d. to 10s. 6d. There may be isolated unloaded lots from consumers at less. Forward, the source reports the Consortium price is dearer and steady at 10s., c.i.f., while quotations from individual shippers range from 9s. 6d. up to 10s. 6d., c.i.f. Actual business is, of course, negligible.

CARAWAY.—Values for the Dutch oil to come forward are steady at the recent reduction: Dutch, rectified, 7s. 4½d.; crude, 6s. 10½d. per lb., in bulk quantities.

CASSIA.—Fair shipment business is reported: spot, 3s. 1d. for good quality oil; shipment, October-November, 2s. 7½d. per lb., c.i.f. paid.

CEDARWOOD.—On spot the American oil is steady at about 1s. in drums, and smaller packages up to 1s. 3d.; for shipment, 19 cents per lb., c.i.f. African oil is offering at competitive figures.

CITRONELLA.—Not much life in the shipment markets; usual spot business moving: Ceylon, spot, drums, 1s.; smaller parcels, 1s. 1d. to 1s. 3d.; shipment, drums, 10d. to 10½d. per lb., c.i.f. Java, spot, drums, 1s. 3d.; smaller parcels up to 1s. 7d.; shipment, drums, 1s. 0½d. per lb., c.i.f.

CLOVE.—No shipment offers of Madagascar; supplies limited and held for good prices. Zanzibar bud oil offering on spot in drums. Madagascar, spot, drums, 3s. 5½d. to 3s. 6d.; smaller packings, up to 3s. 9d. per lb.; shipment, nominal; Zanzibar bud oil, 4s. per lb., in 4/5 cwt. drums, ex store. English-made oil, 4s. 9d. per lb.

EUCALYPTUS.—This market continues very firm, with the limited supplies held for full prices: Australian, 70 to 75 per cent., 1s. 3d.; 80 to 85 per cent., 1s. 4d. to 1s. 4½d. per lb., landed; higher prices for small lots on spot. Spanish, 70 to 75 per cent., 1s. 5d. per lb., ex store.

GERANIUM.—The forward prices from some shippers showed a slight recovery this week, but there are other offers at low figures: Bourbon, spot, 18s. 9d. to 20s.; shipment, 17s. 6d., c.i.f. Algerian, spot, 18s. 6d. to 19s. 6d.; shipment, 15s. 9d. per lb., c.i.f.

GRAPE-FRUIT.—Importers continue to offer spot supplies of Californian oil at about 10s. 6d. to 11s. 6d. per lb., as to quantity.

LAVENDER.—A fair amount of spot business is reported. New crop French, 38 to 40 per cent., ranges from 15s. to 16s. 6d. per lb., landed, as to source. Lavandin prices on spot range from 6s. 3d. to 7s. 9d. per lb., as to source and quantity.

LEMON.—Sicilian hand-pressed oil continues to be quoted on spot from 7s. 6d. per lb. for quantities and up to 9s. 6d. for smaller packages. The source reports the shipment quotation for the best brands is now at 7s., c.i.f., for quantities. No Californian cold-pressed oil available on spot. Distilled, regular quality, 3s. 9½d. per lb., in small drums, ex store.

LEMONGRASS.—The shipment market fails to attract much business; quoted at about 1s. 5½d. per lb., c.i.f.; spot, 1s. 8d. to 2s. per lb., as to quantity.

ORANGE.—Holders of French Guinea oil tend to ease their prices to about 3s. 1½d. per lb. in drums and up to 3s. 5d. for smaller packages. Speculators are offering new crop for shipment next year at about 2s. 4½d. per lb., c.i.f., but no business is reported. One or two offers of old oil for prompt shipment are reported at cheap prices. Californian, one case, 4s.; two or more cases, 3s. 10d.; small drums, 3s. 9d.; large drums, 3s. 8½d. per lb.

PEPPERMINT.—The JAPANESE oil has met with a fair demand on spot; due to some arrivals, the price eased to 5s. 4½d. per lb. Continued inquiry for near afloat oil with sellers wanting 5s., c.i.f. Japanese shippers quote November-December at 3s. 11d., and re-sellers of October-November at 3s. 10d., c.i.f. Business done at about 3s. 8½d., c.i.f. Good bids have been made for new crop Chinese oil, but the source replied they were not interested. CHINESE oil on spot is moving slowly at about 5s. 3d. per lb. No offers of new crop for shipment. The American natural new crop oil is quoted for shipment from 2 dollars 20 to 35 cents per lb., in drums, c.i.f., the price varying as to brand. Business continues very quiet.

WORMSEED.—Market remains dull: spot, U.S.P. quality oil, 9s. to 9s. 3d.; shipment, 8s. 9d. per lb., c.i.f.

Correspondence

Correspondents may adopt an assumed name, but must in all cases furnish their real name and address to the Editor

Status or Livelihood?

SIR,—Two correspondents comment in the *C. & D.* of October 17 (p. 451) on Professor Burn's remarks in his report at the opening of the new session of the College of the Pharmaceutical Society. The classification of pharmacy as a profession or as a trade is a much-discussed problem, and one of your correspondents draws the correct conclusion when he states that pharmacy, until it becomes more "sheltered," cannot be primarily anything but a trade. The only experience most pharmacists, other than those employed in institutions, have of working professionally is under the Insurance Acts, and this, a State-controlled scheme, has evolved the Drug Tariff, which might be termed "the cut price tariff," and has proved to be the least remunerative part of the chemist's work. There is no chemist in business who would be prepared to run a pharmacy for insurance dispensing only; the result could only be financial disaster. If the movement for the extension of medical benefits to dependants and to persons with a higher income than the present maximum is realised, our professional work will be largely increased, but the net gain will not be sufficient to enable us to abolish the counter trade and still pay our way. It would take years to educate the public of this country to an appreciation of a pharmacy fitted in such a way that dispensing could be done in view of the customer; people have been accustomed to considering dispensing as merely putting a few ingredients into a bottle. This idea has its origin in surgery dispensing, where the doctor sees a patient, goes into the dispensary and returns in a few moments with the medicine, or even in some cases uses a concentrated stock mixture and fills up the bottle with water in view of the patient. One cannot be much surprised when a customer, on presenting a prescription at the chemist's counter, expects the medicine to be handed over immediately.—Faithfully yours,

UNSHelterED (19/10).

Shop Hours

SIR,—Mr. L. E. Daws (*C. & D.*, October 17, p. 451) mentions a fifty-seven-hour week. The hours of business, which by the N.H.I. contract are supposed to be exhibited in the shop, in many pharmacies commence at 8.30 a.m., end at 8.30 p.m. (9 p.m. on Saturday), and extend to four hours on Sunday, so that presuming an assistant has an hour for dinner and half an hour for tea, and receives his full half-holiday, he puts in at least sixty-two hours a week. He often works longer than this, because where there is a large panel practice the scripts are never clear at closing time. The manager of a branch has several duties after closing before he has finished his day's work (cashing up, orders and so on); his week is nearer sixty-five hours. The single-handed proprietor works longer than this.—Yours truly,

POST HORAS (20/10).

Cost of Qualification

SIR,—“Unqualified” (*C. & D.*, October 10, p. 427) complains that many assistants remain unqualified because of the cost. The increased extent of the syllabus and the stipulation of the number of hours to be spent on each subject, added to the terms of apprenticeship, all combine to add to the cost of qualification to-day. Under the conditions of the old Minor examination an assistant could save sufficient to pay for a three months' course at a school of pharmacy, and if he had had good experience in practical work in the shop he stood a fair chance of a pass. Or he could obtain a berth in a wholesale house in order to get his evenings free for taking evening classes. It is one of the worst defects of pharmacy as a calling that an unqualified assistant can only command from 30s. to £2 a week, and a qualified man is expected to be satisfied with £3 10s. to £4; these are practically the same salaries as were current before the war. With the increased cost of living the chemist's assistant is in a far worse position now than he was then, although his hours may not be quite so long, and it is obvious that he cannot save sufficient to pay for college fees and examinations. He cannot overcome the difficulty by taking

a part-time job, owing to the number of hours which have to be put in at lectures and practical work. Therefore it really amounts to a position where the student must have sufficient capital, or relations willing to find it for him, for a period of at least four years if he is to have a reasonable chance of qualification; and most people who are able to do this require a far better return for their money and trouble than they will receive as employees in retail pharmacy. Is there not in this one explanation of the slump in registered apprentices? Students and parents are realising that the future opportunities are not comparable with those offered by other professions with no greater expense or time required for training. If the registration of students continues to drop at the same rate as in the last three years there will soon be a serious shortage of qualified chemists. Will the law of supply and demand bring about a rise in salaries?—Faithfully yours,

PRE-WAR MINOR (13/10).

Subscribers' Symposium

For interchange of opinion among "C. & D." readers and brief notes on business and practical topics.

Appreciations

I must be approaching the "Oldest Reader" stage, as I was brought up on a diet of *C. & D.*, and can remember its arrival here way back in the early 'nineties.—E. W. E. (10/9).

The advertising pages and illustrated articles in recent issues of the *C. & D.* have proved exceedingly helpful to the many chemists who cannot conveniently attend the Christmas shows in the cities and larger towns.—N. British (31/18).

The seventh edition of this book [*"Diseases and Remedies"*] . . . is unquestionably an advance on its predecessors. . . . The book is not intended to be an encyclopædia but of assistance to the chemist, who is the man usually consulted first in an emergency by his customers on their ailments, and that is just where *"Diseases and Remedies"* will be an invaluable assistant. A book extremely useful, and more so if the chemist possesses common sense.—*"The Script,"* October 1936.

Seeded Drops

A. E. (20/10) asks for information about a label, bearing a Lowestoft address and dating, probably, from the 'seventies, for "Seeded Drops—Poison." What was supplied?

"Neat" Grey Powders

In my early days in pharmacy a prescription for twenty-four $\frac{1}{2}$ gr. hyd. c. creta powders was given to me. I dispensed as written, with no diluent. The customer returned them with the remark that he could not find the powders; they were pressed into the paper!—E. H. G. Bennett, Framlingham.

Aprons in the Pharmacy

Referring to the recent note in the *C. & D.* on "Aprons in the Pharmacy," when I first entered my apprenticeship in the 'nineties I was requested to bring two strong aprons with me, of the type with a bib in front. These were not worn for effect, but for the more practical purpose of protecting one's clothing while handling drums of glycerin and oils and performing various operations, such as making emulsions and ointments in bulk. In the later stages of apprenticeship, when serving at the counter, the apron was discarded. My first situation after this was as junior in a pharmacy in a fashionable health resort, where the work was all private dispensing; the proprietor stood at his desk at the front counter and only served special customers. He always wore a frock coat and striped trousers, a style of dress which gave an atmosphere of a wedding party to the pharmacy; the assistants were expected to wear dark clothes and black ties. The modern style is to imitate the white coat of the surgeon, presumably with the idea of giving the pharmacy a more professional appearance.—Sartorial (31/8).

Miscellaneous Inquiries

We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them

F. K. (Singapore) (13/94).—**BLOOD PURIFIER**.—From the point of view of solubility the amount of Epsom salts in the mixture can be considerably increased. Whether this is desirable or not is for you to decide. If too large a quantity of Epsom salts is included, the purgative effect may be so great that the patient would discontinue taking the purifier before the other ingredients could have a beneficial effect. In place of the spirit of chloroform and saccharin, it may be preferable to use chloroform water. An alternative formula to the one you mention is as follows:—

| | |
|------------------------------|-----------|
| Ferri et animon. cit. | 3vj. |
| Magnes. sulph. | 3vj. |
| Potass. nitrat. | 3iss. |
| Tr. aurant. | 3iss. |
| Syrupi | 3xij. |
| Aq. chloroformi | ad 3Lxij. |

H. R. C. (13/94).—**VULCANISATION OF RUBBER**.—The application of heat to a mixture of rubber and sulphur effects a profound change in the character of the raw material. This process is not accompanied by the evolution of any appreciable quantity of sulphuretted hydrogen, and the reaction, therefore, must be either physical (i.e. adsorption), or, if chemical, of a purely additive character. Recent research supports the view that the process, so far as the conversion of free into combined sulphur is concerned, is mainly a chemical one, and only in a very minor degree of an adsorptive character.

H. R. (16/94).—**SUGARLESS MARMALADE**.—Sugarless jams and marmalade for the use of diabetic patients are made with a jelly, the basis of which is prepared with gelatin instead of sugar, the strength being about $\frac{1}{2}$ oz. of gelatin to a pint of liquid, which in this case would be orange juice, pulp and grated peel. The sweetening is managed by the addition of saccharin, which, however, should be added cautiously, as an excess is objectionable to the taste.

A. R. (29/84).—**COMPENSATION FOR STREET WIDENING**.—Under paragraph (g) of Section 4 (1) of the Landlord and Tenant Act, 1927, no compensation can be recovered in a case such as you mention, but you are not necessarily debarred from obtaining a new lease in cases where the property is not immediately required by the authority. The Court may and will direct that if the landlord (i.e., the local authority in this case) requires the property for street widening, they may at any time, on giving not less than six months' notice in writing, resume possession of the premises (see Section 5 (6) of the Act). In our view, you cannot get any sort of compensation, unless there is any leasehold interest which the authority may be acquiring. This compensation in such a case would be recoverable under an entirely different statute, viz., the Acquisition of Land Act, 1919. In your case no such interest would be acquired by the authority, since they would have terminated the tenancy, and no interest at all would be left to the tenant in the land. It may be, however, that the authority may be persuaded to make some sort of *ex gratia* payment.

F. B. (12/93).—**LAWN SAND**.—A preparation made according to the following formula should be mixed with an equal part of rotted leaf mould or good soil and applied at the rate of 8 oz. per square yard three or four times a year:—

| | |
|-------------------------------|-----------|
| Ammonium sulphate | 3 parts. |
| Calcined iron sulphate | 1 part. |
| Sand | 20 parts. |

Where the daisies are particularly bad, it might be preferable to apply this mixture or sulphate of ammonia itself direct on to them and then renew the patch with grass seed in the spring.

T. L. B. (26/88).—**LIQUID SOAPLESS SHAMPOO**.—Liquid soapless shampoos are usually made with either sulphonated lorol or saponin. Formulas for these preparations were published in the *C. & D.*, 1935, 11, 54, and 1936, 1, 56, respectively.

E. W. (9/92).—**RENOVATING OF MANUSCRIPTS**.—For cleaning purposes bleaching powder and dilute hydrochloric acid is frequently used. Alternatively you could try ethereal or alcoholic solution of hydrogen peroxide. These solutions are made by shaking aqueous solution of hydrogen peroxide with about an equal volume of ether or alcohol. If the manuscripts are valuable it would be better to entrust the work to an expert.

C. A. G. (25/88).—**SUNDAY TRADING RESTRICTION**.—The Shops (Sunday Trading Restriction) Act comes into operation on May 1, 1937. The sentence in the article on "Sunday Trading Restriction" in the *C. & D.*, September 26, p. 360, should read "These articles, however, may be supplied only at premises registered under Section 12 of the Pharmacy and Poisons Act, 1933. . . ."

D. M. H. (31/88).—**TRYPAN BLUE**.—This has been employed in the treatment of canine and bovine piroplasmosis. For dogs a 1 to 5 per cent. solution is employed, the dose being for small animals 2 c.c. and for large animals 15 c.c., administered by intravenous or subcutaneous injection. In the treatment of leptospiral jaundice in dogs, as met with in this country, the drug has not proved successful. For cattle the dose of a 1 per cent. solution is 150 to 200 c.c.

L. M. W. (28/89).—**GAMEKEEPER'S ENTICE**.—A preparation made according to the following formula should meet your customer's requirements:—

| | |
|------------------------|-------------------|
| Oil of caraway | $\frac{1}{2}$ dr. |
| Oil of cumin | 15 ℥. |
| Oil of lavender | 5 ℥. |
| Oil of maize | to 4 oz. |

Mix a tablespoonful with barley or corn, and, after it has stood for some time, sprinkle the cereal where it is desired to attract the birds.

A. P. I. (28/83).—**DESTROYING TREE ROOTS**.—Since the main root has been removed the stray roots are presumably quite small. In that case the best way of dealing with those which sprout would be to pour on a little nitric acid.

D. A. G. (27/44).—**INDIAN BRANDY**.—The following is from "Pharmaceutical Formulas":—

| | |
|------------------------------|------|
| Sweet spirit of nitre | 3iv. |
| Tincture of rhubarb | 3iv. |
| Simple syrup | 3j. |

Other varieties with less medicament are made, but can only be sold by those holding a sweets licence.

Retrospect of Fifty Years Ago

Reprinted from

"The Chemist and Druggist," October 23, 1886

Unequal Distribution of Sampling

The total number of such analyses [under the Sale of Food and Drugs Act, 1875] is 23,230, or about 300 more than in 1884. The population of England and Wales in the middle of 1885 is estimated at 27,499,041, and it thus appears that one sample was analysed for every 1,184 persons. This proportion, however, is by no means uniform throughout the country. In the Metropolis there was one analysis for every 699 persons, and in Gloucestershire one for 607 persons. But in some London districts, such as St. Mary Newington, Rotherhithe, and St. Martin-in-the-Fields, no samples, or scarcely any, were submitted for analysis, and the same may be said of a very large number of provincial districts. . . . Cambridgeshire sent only 9 samples, Dorset 7, Herefordshire 3, Suffolk 6, Westmorland 6, Northumberland 15, and some of the Welsh counties an insignificant number. From no less than 70 boroughs, with an aggregate population of nearly a million persons, the returns are absolutely *nil*, and in many others the number of samples analysed is disproportionately small.

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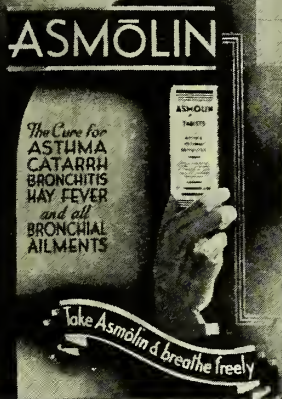
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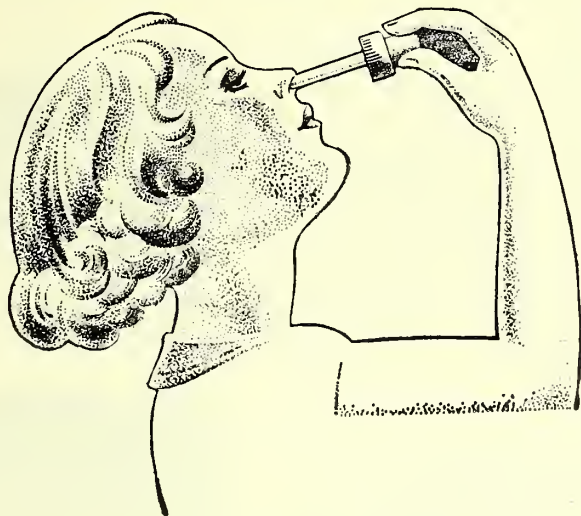
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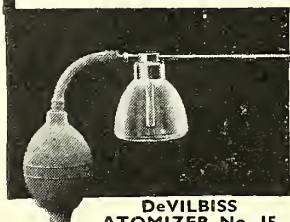
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This well-known nose and throat Atomizer sprays oil or aqueous solutions with equal ease. Adjustable tip permits spraying in any direction. Price 58/- per dozen

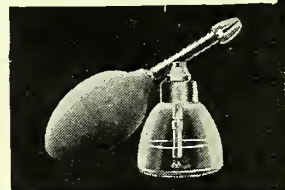


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A compact and dependable nasal Atomizer producing a medium spray from either oil or water solutions. Price 30/- per dozen

Every home needs one or more DeVilbiss Atomizers. DeVilbiss Atomizers have been used and prescribed by the medical profession for more than 45 years, and to-day the DeVilbiss range includes improved Atomizers of every required type. DeVilbiss Atomizers are reasonably priced, fully guaranteed and carry handsome profits. Conspicuously displayed, they stimulate the sale of medical and antiseptic solutions—and sell themselves.

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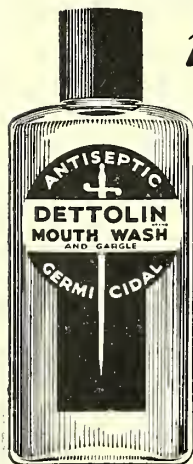
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Measurement charts, interesting literature and details of attractive terms gladly sent on application.

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Price and sample on application to:

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"ZEMS" 6⁰.
PER BOX
HERBAL LIQUORICE TABLETS

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THE new "B.P." standard for Cod Liver Oil demands a *minimum* of 600 International Units of Vitamin A and 85 International Units of Vitamin D per gramme.

Are you *sure* that the oil you are getting, or that you have contracted for during the coming season, complies with the new standard?

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SOL-VIT-AX OFFERS YOU THE FINEST QUALITY

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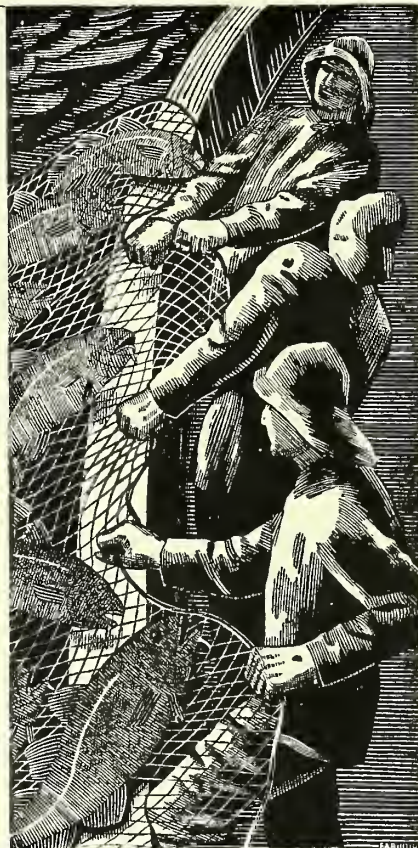
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The Best and Safest Infants' Medicine of 140 years' standing.

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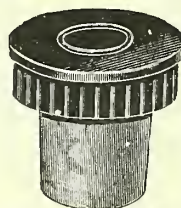
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SALINE
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RARE EFFICACY**

An ethical pharmaceutical product for which a continuous propaganda is being conducted with the Medical Profession.

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| Bottles of 2½ fl. oz. | 1/6 | 13/6 | per doz. |
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*Your co-operation in promptly obtaining
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Dr. J. Collis Browne's Chlorodyne
and
The Pharmacy and Poisons Act, 1933

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SALE RESTRICTED TO REGISTERED CHEMISTS

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Awarded Certificate by
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LOCARNO

MEDICATED TOILET ROLL

COSTS 33/-
per gross



BRITISH
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SELLS AT 72/-
per gross

Sales restricted
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You are sure of repeat orders
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Contains 650 sheets of pure
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Free delivery in United Kingdom
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Packed in $\frac{1}{2}$ gross cartons

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Each Roll 12 oz.

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| 1 Doz. | @ | 6/- | Doz. |
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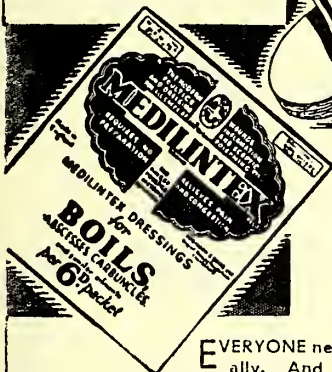
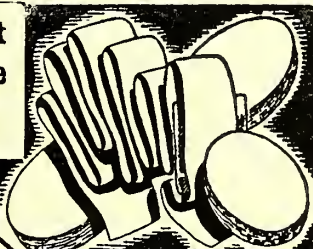


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MADE****NO HIGHER
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MAKES**Also Household, Bath
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the best of their kind**G. H. ZEAL LTD.****MORDEN RD., MERTON,
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CHEMIST"****The Poultice that
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EVERYONE needs a poultice occasion-
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Medilintex—the poultice dressing that retains its healing
and drawing properties for 24 hours. Cut to convenient
sizes and 'packed' with waterproof cover and bandage,
Medilintex retails at the popular price of 6d. Larger sizes
1/- to 6/6. Show Medilintex to the next customer who
needs a poultice dressing. You'll make an immediate sale.

Send for samples and further information

MEDILINTEX**THE MODERN POULTICE DRESSING**
ROBINSON & SONS LTD.

Wheat Bridge Mills, Chesterfield, & 168 Old Street, LONDON, E.C.1

*Every Chemist
using this slogan
will influence
Public Opinion***WILL YOU
HELP?**

Write for details to:

EDWARD TAYLOR LTD.
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T.P. 64

Attractive Shops Attract more Business!

*We specialise in modernising
Chemists' Shops, Interiors and
Furnishings and shall be
pleased to co-operate with
Chemists for any kind of
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PHARMACY FITTERS FOR
OVER A CENTURY

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ESTABLISHED IN 1826

"MOSANS" Non-Greasy, Odourless QUININE PESSARIES



15/-
per dozen
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ORDER THROUGH ANY WHOLESALER
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MOSANS LABORATORIES 15 ELMCOURT
ROAD, S.E. 27
Agents for South Africa: THE MONSIEUR DISTRIBUTING CO.,
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SU-CAN

Su-can is obtain-
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- ★ HIGH CLASS
- ★ DISPOSABLE
- ★ RELIABLE
- ★ HYGIENIC
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ROBINSON & SONS, Ltd. Chesterfield & 168 Old St., London, E.C.1

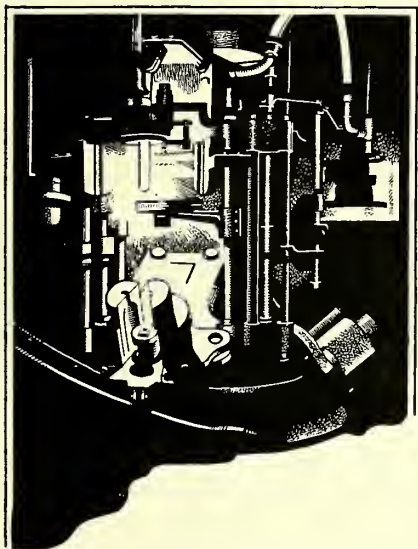
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The "ORIGINAL" and most popular.
The "CELTEX" soluble, easily disposed of.
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cotton wool, with very soft cover.
The "COMPRESSED" for travelling. A
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No. 8 Machine Made



ALKALI CONTENT

Semi-automatic machines can handle glass of a composition to give quite a reasonable resistance to chemical attack, although they can never approach the first quality hand-made product.

The durability of a glass can be closely gauged by its Alkali Content—a glass containing 15 per cent. of alkali being measurably superior to one having 16 per cent. alkali.

In the feeder-fed type of automatic glass bottle machine practically the hardest glass that may be employed has 16 per cent. alkali, whilst in the suction-fed machine, a somewhat better type of glass with a lower alkali content can be fashioned.

All Beatson, Clark Machine-made Glass Bottles are manufactured by either semi-automatic or suction-fed machines, and have a most suitable alkali content to give durability.

BEATSON, CLARK & CO., LTD.

MANUFACTURERS OF

Chemical & Medical Glass

ROTHERHAM

YORKS.

ESTABLISHED 1751

**WE
OFFER**
A BOTTLE CAPPING..



**GIVING THE
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ADVANTAGES . .**

**SPEED OF OPERATION —
PERFECTION OF FINISH —
MINIMUM WASTE,**

**In Standard Colours —
BLACK, RED, WHITE or BLUE
Special Colours and Shades to
order.**

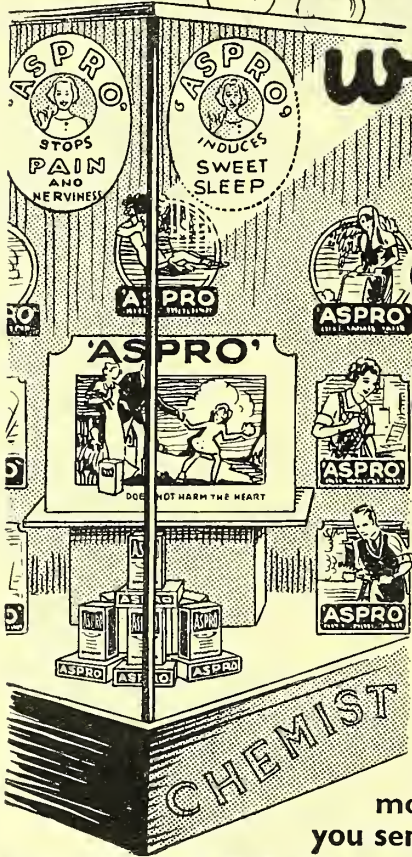
**PRICE 12/- to 15/- per
gallon according to quantity.**

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British Celanese Limited, Celanese House,
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● May we give you the pleasure of testing it?
Write for sample C.S.I. the above address.

Tell them in your window that **YOU** stock **'ASPRO'**



When you put 'ASPRO' advertising matter in your window you attract customers to your shop. Your general sales benefit. Remember, large space 'ASPRO' Advertisements are carried several times monthly by over three hundred papers, with a total circulation of over 32,000,000. You get your share in the sales activity created by this advertising when you show 'ASPRO' advertising material — just as if you spent a proportionate amount of money on the advertising yourself. We suggest you send for an 'ASPRO' display to-day. Remember,

'ASPRO' ADVERTISING produces the customers

'ASPRO' DISPLAYS bring them in

use these
'ASPRO'
aids to
SALES

**CHEMISTS
ENVELOPES
AND BAGS**

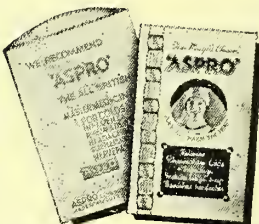
Kristal Envelopes
2/6 per 1,000.
Grease proof
2 oz. bags
1/- per 1,000.
Cash with order

'ASPRO' consists of the purest Acetylsalicylic Acid that has ever been known to Medical Science, and its claims are based on its superiority.

Made in England by
ASPRO LIMITED
SLOUGH, BUCKS.
Telephone: Slough 608

No proprietary right is claimed in the method of manufacture or the formula.

ASPRO
REG. TRADE MARK



**WINDOW
STICKERS**



**GIANT
CARTON**



AVAIL YOURSELF OF THE 'ASPRO' BONUS

BONUS ON 5's & 10's

One gross order ... Bonus 1 dozen packets
Half gross order ... Bonus 1/2 dozen packets
Half gross of either size is the minimum order accepted for bonus purposes

BONUS ON 27's

One Gross order ... Bonus 2 dozen packets
Half Gross order ... Bonus 1 dozen packets
Quarter Gross order Bonus 1/2 dozen packets
Quarter gross is the minimum quantity

NO BONUS ON 60's

BONUS CONDITIONS—

The only conditions made are that the Chemist who buys on these terms undertakes to show 'ASPRO' advertising matter in his shop window for 14 days and sell at advertised prices. Acceptance of Bonus is considered acceptance of conditions regarding display and selling prices.



The CHEMIST AND DRUGGIST

SUPPLEMENT

This Supplement is inserted in every copy of The Chemist & Druggist

28 ESSEX STREET, LONDON, W.C.2

OCTOBER 24,
1936

ADVERTISEMENT TARIFF

ALL ADVERTISEMENTS are PREPAID, so that remittance must accompany instructions in each case. If it be necessary to telephone or telegraph an urgent announcement this may be done, provided the money is telegraphed at the same time.

BUSINESSES WANTED and for **DISPOSAL, PREMISES TO LET** and **FOR SALE, PREMISES WANTED, PARTNERSHIPS, GOODS** for **SALE** and **AGENCIES**—6/- for 50 words; every additional 10 words or less, 6d. (Box No., 1/- extra.)
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SITUATIONS WANTED—2/- for 18 words; every additional 10 words or less, 6d. (Box No., 1/- extra.)
LEGAL NOTICES, TENDERS, AUCTIONS, and all specially-spaced announcements, 1/3 per nonpareil line (12 lines = 1 inch single column). (Box No., 1/- extra.)
MISCELLANEOUS (Wholesalers' Section) for odd and second-hand lots—10/- for 60 words; 1/- for every additional 10 words or less. (Box No., 1/- extra.)
EXCHANGE COLUMN (for Retailers, etc.)—Twopence per word, minimum 2/- (Box No., 1/- extra.)
REPLIES FROM ADVERTISERS—1/- per line; 3 lines 2/6.

THE CHEMIST & DRUGGIST, 28 Essex St., Strand, London, W.C.2
Telephone: Central 6365 (10 lines). Telegrams: "Chemicus, Estrand, London."

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must reach us
not later than

FIRST POST THURSDAY MORNING

All advertisements intended for
insertion in this Supplement

ORRIDGE & CO.

56 LUDGATE HILL, E.C.4
ESTABLISHED 1846 Telephone Nos.: CITY 2283 & 7477
MAY be CONSULTED at their Offices on MATTERS of SALE, PURCHASE & VALUATION

We make no charge to purchasers, and invite intending buyers to communicate with us, stating their requirements

1.—**MIDDLESEX (GOOD CLASS SUBURB).**—Family Retail Business with increasing turnover, present rate £27 per week under management; scope for increase; business was established 4 years ago and the cost of opening it was approximately £715; comfortable living accommodation over, which is at present sublet, but possession could be obtained; price asked for business £900 or near offer; ill-health reason for sale.
2.—**HAMMERSMITH (NEAR).**—Middle and High Class Retail Business situate in excellent position; increasing turnover, last year being approximately £1,600 under management; lock-up shop; stock and fixtures worth £700-£750; long Lease; a reasonable offer will be accepted.
3.—**STRATFORD (NEAR).**—Middle and Working Class Business with Photographic and Panel; increasing turnover, last year being £1,356; net profit £343; spacious living accommodation; valuable stock and fixtures; price £750 all at or near offer, or alternatively valuation terms would be entertained.
4.—**LONDON, S.E.12.**—General Retail Business situate in growing area; increasing turnover, present rate about £15 per week under management; attractive shop; light-oak fixtures; stock and fixtures worth about £500; rent £95 per annum; sublet £45 per annum; price all at £600 or valuation terms entertained.
5.—**BRIXTON.**—Family Retail Business in present hands 13 years; returns £15-£16 per week; gross profit £7 per week; stock and fixtures worth about £250-£300; nice accommodation over at present sublet at £1 per week; rent of entire premises £65 per annum; new Lease; price of business value of stock and fixtures only; must be sold forthwith.
6.—**CHINGFORD (RETIREMENT VACANCY).**—Cash Retail Business with Panel; takings last year £1,029; gross profit £366; nice flat over; valuable stock and fixtures; price £350 all at, or possibly part payment terms would be accepted.
7.—**SOUTH NORWOOD.**—Old-established Business with sub-Post Office; average net profit £397 per annum; nice living accommodation; rent £46 per annum; price £500 all at or near offer, or alternatively £100 plus stock and fixtures at valuation.
8.—**LONDON, S.W.1.**—Middle-Class Business with excellent Panel; takings over £1,600 per annum; high ratio of profits; handsomely fitted shop; well stocked; sublets cover rent; long Lease; stock and fixtures worth about £900; further details upon application; Optical business over can also be purchased.
9.—**CRICKLEWOOD.**—Middle-Class Business with Photographic; established 10 years; gross profit last year £550; much neglected turnover, present rate £15 per week; fixtures cost over £400 in 1926; stock at present worth about £250; living accommodation; valuable sublets; price £450 all at or near offer.

10.—**VICTORIA.**—Good Middle-Class Business with small Panel and Private Dispensing; takings last year £1,514; premises occupy good position; stock worth about £350; price asked £700 all at, or valuation terms entertained; Vendor leaving Pharmacy.

11.—**HOME COUNTY.**—Good Middle-Class Retail Business with increasing turnover; much building in progress; takings this year £1,550; net profit approximately £400; large single-fronted shop well fitted and fully stocked; stock worth about £500; modern living accommodation—six rooms; central heating; price required for property £1,750; price required for business £750.

12.—**WILTSHIRE.**—Middle-Class Business with Photographic and small Optical connection; takings last year £1,494; net profit £420; stock worth £300-£350; living accommodation and bathroom; rent only £26 per annum; long Lease; price all at £1,000 or near offer, or valuation terms entertained.

13.—**STAFFS.**—Good Middle-Class Business with Photographic and Wine Licence; takings last year £1,532, this year shows an increase; net profit £336; corner shop in good position; stock worth about £550; living accommodation with garage; new Lease at £80 per annum; price all at £1,000 or alternatively £250 for the Lease and Goodwill plus valuation of stock and fixtures.

14.—**HEREFORDSHIRE.**—Country Retail Business; established over a century; takings for last three years average over £2,400 per annum; nice living accommodation; stock worth £900; Fixtures £400; rent £60 per annum; held on Lease; price all at £1,700 or valuation terms entertained.

15.—**WATFORD (DEATH VACANCY).**—General Retail Business in good position; neglected turnover, present rate £16 per week; scope for increase; gross profit last year £9 per week; nice living accommodation over; stock and fixtures estimated to be worth about £450; first reasonable offer will obtain, and it is possible that part payment terms would be accepted.

16.—**KENT (SEASIDE RESORT).**—Family Retail Business with Photographic; takings last year £1,000; net profit £225; fixtures worth about £150 and stock £350; living accommodation with bathroom; small garden; rent £70 per annum; price all at £550 or near offer.

17.—**GRIMSBY.**—Middle and Working Class Business; established over 50 years; takings this year will be approximately £1,200; gross profit 39 per cent.; very nice living accommodation with large bathroom, etc.; rent £80 per annum; price asked £1,000 all at or near offer; stock and fixtures estimated to be worth about £700.

Chemists' Transfers, Valuations for Sale, Stocktaking & Probate

Special Terms for Income Tax Valuations and Preparation of Accounts by Qualified Accountants.

ERNEST J. GEORGE & Co.

Bank Chambers, 329 High Holborn, London,
Telephone Nos.: Holborn 7406 & 7407 (2 lines) **W.C.1**
15 Bridge Street, Walsall Telephone: Walsall 3774

Lancashire and District Representative: Mr. E. BROWN, 21 Davenport Road, Hazel Grove, Stockport. Telephone: Great Moor 2405

Correspondence, mutually confidential, is invited from prospective purchasers of the following businesses at present available for purchase.

(C1) **CHESHIRE**.—Attractive and well fitted lock-up Pharmacy, offering scope for considerable further increase, situated in town with population of approximately 18,000; turnover for 1935-36, £1,600; rent £60; stock and fixtures estimated at £850; price all-at £1,000.

(C2) **MIDDLESEX**.—Two middle-class businesses with excellent future prospects, now doing at the rate of approximately £2,500 and £2,000 per annum respectively; living accommodation available in both instances; joint sale preferred, but separate negotiations entertained; prices by arrangement; would make an excellent investment for anyone open to consider the purchase of two such propositions, as they are very conveniently situated from the point of view of supervision, etc.; Bankers' references required.

(C3) **HENDON (NEAR)**.—Unopposed Pharmacy situated in shopping parade of populous residential district; increasing returns, at present at the rate of approximately £2,500 per annum; modern flat above (optional); new 21-year lease will be granted; price £1,500.

(C4) **RICHMOND (NEAR)**.—Old-established middle-class business, with living accommodation; turnover for last financial year, £1,574; very reasonable rental; no Sunday or half holiday duty; price £800 or near offer.

(C5) **BAYSWATER (NEAR)**.—Good-class family business, occupying main position; turnover approximately £2,200 per annum, with definite scope for further development; well stocked and fitted; very reasonable overheads; price approximately £2,000; Bankers' references required.

(C6) **BRISTOL SUBURB**.—Old-established high-class dispensing business, with scope for considerable development under personal proprietorship; turnover upwards of £2,000 per annum; premises well situated; price approximately £1,300 all-at.

(C7) **STAFFS**.—Unopposed country Pharmacy with some agricultural trade; increasing turnover, which for the last financial year amounted to £1,311; living accommodation with bathroom; rent £48; price all-at £650; well recommended.

(C8) **WESTMINSTER**.—Lock-up Pharmacy situated in populous area, near to several hospitals; turnover for last financial year, £1,514; inclusive rental, £130; price £750, or reasonable offer.

(C9) **NORTHANTS**.—Excellent-positioned lock-up Pharmacy with hairdressing saloon (which can be taken, or otherwise, at the purchaser's option), is available for immediate sale on terms to be arranged; bargain figure for quick transaction, or part-payment basis will be considered under approved circumstances; splendid scope for considerable further development; this opportunity is unique, and should appeal strongly to

a chemist with initiative, but possessed of limited capital; full particulars upon application.

(C10) **LONDON, N.I.**.—Established working-class business (lock-up), with large N.H.I.; low rental; no near opposition; price for quick sale (owner has purchased a larger business), £150, including stock, £120.

(C11) **HANWELL**.—Family, cash business, in present hands for past thirty years; owing to ill-health of owner, N.H.I. was discontinued some time ago, but can be reintroduced immediately, to considerable advantage; there are also numerous opportunities for extension in other directions; living accommodation with good garden; price £450 all-at, representing value of stock and fixtures only.

(C12) **KENT**.—Recently established lock-up Pharmacy, occupying main road position, for sale owing to unforeseen private circumstances; present returns small, but are capable of substantial increase; price to comprise value of stock and fixtures, with a nominal sum for lease; further details upon application.

(C13) **YORKSHIRE (WEST RIDING)**.—Recently established lock-up Pharmacy, with modern frontage, situated in suburb of leading city; returns at present average approximately £18 per week; low rental; excellent prospects, particularly as the lease contains a monopoly clause; genuine reason for selling; price to comprise value of stock and fixtures only.

(C14) **WILTS (NEAR BORDERS OF SOMERSET)**.—Charmingly situated country business, now averaging between £1,400 and £1,500 per annum; net profit about £420; rent £26; main road situation; very easily worked; price asked £1,000, but offers will be considered, as the Owner has purchased another business, and is desirous of selling as quickly as possible.

(C15) **LIVERPOOL**.—Pharmacy, with living accommodation, offering excellent scope and opportunities, if fully exploited; this has not been possible under the present ownership, owing to continued ill-health; present returns small (approximately £16 per week), but are capable of early increase; rent £52 per annum; price about £400, representing estimated value of stock and fixtures only.

(C16) **MANCHESTER**.—Old-established family business occupying main road position; increasing turnover, now at the rate of approximately £1,200 per annum; gross profit, £432; net profit, £330; good living accommodation; price approximately £650 all-at; leasehold property also available.

(C17) **EAST END**.—Good profit-earning business, which has been in the hands of the present family for the past 38 years; turnover for last financial year, £2,171; gross profit £989; property can be purchased, or a lease may be considered at a reasonable rental; living accommodation with bathrooms; price by negotiation.

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LARGE quantity of second-hand and shop-soiled Fittings removed from Pharmacies recently refitted, for Sale at bargain prices. Send requirements or dimensions of pharmacy to PHILIP JOSEPHS & SONS, LTD., 90/92 St. John Street, Clerkenwell, E.C.1. Telephone: Clerk. 4111/2. "Pharmacy Fitters for over a Century."

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EALING.—Well-established middle-class Retail Cash Business, double-fronted shop; well stocked and nicely fitted; returns average £45 per week; Kodak Agency; capable of development; long lease at £300 per annum; offers invited. 289/487, Office of this Paper.

LONDON, N.—Main-road Old-established Business; long lease; reasonable rental; bold position; turnover under indifferent management close on £1,000; price for quick sale for goodwill, fittings and fixtures £220; stock at valuation; further details to genuine buyers at interview only. 138/29, Office of this Paper.

LONDON, S.W.—Old-established lock-up Pharmacy, busy main road; middle-class; rent £78 per annum; long lease; present under management; genuine scope for increase under personal proprietorship; average returns £20 weekly; good profits; first reasonable offer secures. 139/27, Office of this Paper.

MANCHESTER, main road; large N.H.I. cash business; turnover approximately £1,300; well stocked; low overheads; chartered accountant's figures; price, including property, £1,500. 289/483, Office of this Paper.

MANCHESTER.—Old-established Chemist's Business; working-class district; thickly populated; corner shop; steady turnover; good prospects for young Qualified; rent and rates 14s. 8d. per week; present returns cum N.H.I. and P.A.C. £20 per week; little opposition; lock-up shop; proprietor Unqualified; price £400 or nearest offer considered. 289/479, Office of this Paper.

NEAR LIVERPOOL.—Recently established Business; corner lock-up shop; shopping district; returns average £13 per week, easily increased; overheads low; price £350, including stock £250, fittings, fixtures, etc.; £100 can remain; good reasons for disposal. 139/19, Office of this Paper.

SOMERSET.—Chemist Business for Sale; turnover last 3 years average £1,787 per annum, audited accounts; rent £145, part let off; long lease, with option to purchase; many own proprietaries; stock, fixtures and goodwill about £1,000; particulars only to solicitors or principals. 135/2, Office of this Paper.

SOUTH-EAST COAST.—Established over 50 years; Mixed Business with Wine and Spirit Licence; commodious premises, large garden and garage; steady turnover averages about £2,700 per annum; scope for increase under energetic proprietorship; owner retiring; further details on application; no agents. 139/20, Office of this Paper.

STAFFS (country town).—Drug Stores; central position, with attractive shop; returns exceed £1,000 per annum; price £750, inclusive. M. P. Ferneyhough, Incorporated Accountant, Longton, Staffs.

SURREY.—Newly established Chemist's Business; good premises held on lease, with 13 years to run, at £52 per annum; well fitted; returns average £35 per week; stock approximately £630; offers invited. For full particulars apply 289/488, Office of this Paper.

WATFORD.—Central shopping area; business run down under management; £410 (stock and fixtures valuation £450); fine double-fronted shop; opportunities unlimited. 138/10, Office of this Paper.

WEMBLEY.—Family Retail Business; established about 4 years; well stocked and fitted; double-fronted shop with two rooms at rear; lease 4 years, at £175 per annum, increasing to £200, then £220; offers invited. 289/486, Office of this Paper.

TWO good Medium-class Businesses, 30 miles from London; one lock-up, one with good house; combined returns nearly £3,000, steadily increasing; every investigation invited; capital required about £2,000. 139/17, Office of this Paper.

VALUATION ONLY.—Part can remain; neglected branch; Light Retail, Dispensing and Photographic; rent £2 let-off 17s. 6d.; well-fitted shop and large dispensary. Chemist, 89 Southchurch Avenue, Southend.

£350.—SMALL Business in popular seaside resort; capable of big improvement in energetic hands; net profit last year £131; low rent; 5 years' lease; every investigation; accountants' figures. 138/14, Office of this Paper.

£300 ALL AT for quick sale, medium-class Business, S.W.2; same hands 12 years; low rent; particulars on application. 139/29, Office of this Paper.

£300.—CHEMIST'S Business must be sold; Kodak Agency; Optical Department recently opened; proprietor must leave London; splendid opportunity to secure a bargain; open to investigation. 52 High Road, Chiswick, W.4.

PREMISES WANTED.

TO OWNER OCCUPIERS.—Advertiser wishes to purchase Shop Property, good positions, and is prepared to grant leases where owner wishes to remain tenant. Write, Dodds, High Meadows, Gerrards Cross.

PREMISES FOR SALE.

REALLY GENUINE OPPORTUNITY.—In small well-established town, Sussex; with one Qualified Chemist; now distinct opening for progressive opposition; ideal premises, consisting of two half-shops—one very lettable, if desired; large rear room; living accommodation of 6 rooms; price £1,600, freehold; mortgage £1,025 can remain. 139/14, Office of this Paper.

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HARROW DISTRICT.—Excellent opening for Chemist and Druggist; modern shop premises, with living accommodation over, in parade adjoining Messrs. Boots, Liptons, MacFisheries, Woolworths and other multiple companies; to be let to first-class tenant at reasonable rent. Apply Wootton & Son, 51 and 53 South Audley Street, W.1. (May. 4651.)

HAYES END, UXBRIDGE ROAD.—Excellent Shops, with self-contained flats over; splendid opening for grocer, fruiterer, Chemist, confectioner, tobacconist, etc.; rent £125 per annum; 7, 14, 21 years' lease. Apply Sole Agents, Francis Evans, 2 Eastbury Road, Northwood. Phone 717.

RUSTINGTON (near Littlehampton).—New Shops to Let, fast growing residential area, with or without living accommodation; corner main-road position; meeting immediate demand; excellent opening for Chemist; three left only; rents from £90 p.a., exclusive. Full details, Onslow Estates (Worthing), Ltd., 13 Liverpool Gardens, Worthing.

EXCELLENT opening for Chemist in busy Kent town; good Shop, with living accommodation, close to high-class residential district; rent £100 per annum; no opposition. Watkin & Watkin, Tonbridge. (Tel. 773.) And at Reigate.

EXCELLENT Opening for Chemist; new shop, with flat above; shop front to suit tenant; in prominent main-road position in S.W.20 area. A. Stedham, Ltd., 37 West Barnes Lane, Raynes Park, S.W.20.

EXCELLENT Shop and Upper Part; new shopping centre on large new estate, North London; unique unopposed position; to be let £150 per annum, or freehold; only a few left; splendid opening for Chemist. Full particulars, E. W. Perry & Daw, 7 Finsbury Square, E.C.2.

EXCEPTIONAL Opportunity for Chemist on new large housing estates at Edgware and Hayes; large, well-built Shops for Sale or to Let; no opposition; excellent living accommodation included. Apply Taylor Woodrow Estates, Ltd., Broadfields Park Estate, Watford By-Pass, Edgware; or Cranford Park Estate, North Hyde Road, Hayes, Middlesex; or at 8 King's Cross Station, N.1. (Terminus 5010.)

MAIN POSITION, SYDENHAM.—The only terrace of new shops in the locality; 8 in all; several let; excellent opening for Chemist; immediate inspection urged. For full particulars apply Sole Managing Agents, David Ainslie & Co., Ltd., 35 Fanton Street, Haymarket, S.W.1 (Whitehall 1821-2).

OPENING FOR CHEMIST.—Harlow, Essex, 21 miles London; centre growing town, 4,000; large additional shopping population, supporting 3 Doctors, but only 1 Chemist; excellent opportunity for efficient Chemist and Optician; spacious modern double-fronted shop, with large room, yard, conveniences, etc.; £65 p.a.; 21 years' lease; option at 7 and 14 years; 20 years to run; lease and fixtures £40. Enquiries Hatfield Heath Bakery, Bishop's Stortford. House at 12s. 6d. per week or purchase (if wanted).

AGENCIES.

WEST AFRICA.—Travelling Representative, leaving shortly for extensive tour of the West African Colonies, travelling several thousand miles by motor-lorry into the interior, and already acting for important Manufacturing Chemists, desires additional non-competitive agencies; Perfumes, Patent Foods, Disinfectants, Surgical Goods, Hospital Equipment, and certain Drugs considered; goods can be exhibited at Lagos Health Week, Nigeria, February, 1937, by arrangement; highest references; terms: contribution towards expenses plus commission. 138/41, Office of this Paper.

AGENTS.—Live Men required in all parts of England and Wales to handle Advertised Proprietary Lines; connexion Chemists, Stores, Hairdressers. Apply 289/480, Office of this Paper.

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Forms of Tender of H. Green, Esq., F.C.R.A., 1 Kingsland High Street, E.8; Messrs. Matthew Trackman & Co., Solicitors, 71 City Road, E.C.1, or Leopold Farmer & Sons, Auctioneers, Surveyors and Valuers, 46 Gresham Street, E.C.2.

APPRENTICES.

APPRENTICE. Matric. and preferably Prelim. Scientific 3 years; no premium; small salary; sound Pharmaceutical training. Apply Chemist, 34 Angel Lane, E.15.

YOUNG Lady Apprentice required; must have passed the Matriculation examination or its equivalent; hours 8.30 a.m. to 4.30 p.m. Apply The Pharmacist, Royal London Ophthalmic Hospital, City Road, E.C.1.

SITUATIONS OPEN.

RETAIL (HOME).

6s. for 40 words or less; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

DEVON.—Assistant required for Dispensing and Counter; must be a quick and accurate Dispenser; please give full particulars and salary required; applications unanswered in five days respectfully declined. 139/30, Office of this Paper.

LEICESTER.—Young Qualified Assistant wanted as Junior; must be reliable Dispenser and good Window-dresser; give full particulars in first letter as to age, height, experience, reference, etc.; applications unanswered in 4 days declined with thanks. 137/9, Office of this Paper.

LONDON, N.—Wanted, Qualified smart man (about 30) for Branch Manager. Apply, giving particulars of age, height, experience, salary required and photo if possible, to be returned, 136/4, Office of this Paper.

LONDON, N.W.6.—Wanted, a young Lady or Gentleman, as part-time Assistant in a growing business; hours 9.12 in the morning 1 to 5 in the afternoon; must have some experience; splendid opportunity to learn general routine and acquire knowledge of Dispensing; small salary. Apply 138/37, Office of this Paper.

LONDON, W.—A vacancy occurs in a high-class Dispensing and Retail business for a recently Qualified Lady; an experienced Unqualified Lady would be entertained. Apply, giving full particulars, to 139/4, Office of this Paper.

MANCHESTER.—Young Qualified Assistant required for working-class district; permanency. Apply by letter, giving full particulars, salary required, etc., to Colmans, Ltd., 416 Stockport Road, Manchester, 13.

N. LONDON.—Immediately, Qualified Assistant; must be experienced in all branches, and have good credentials; state age, experience, salary expected and when able to start. 138/45, Office of this Paper.

NORTH OF ENGLAND.—Qualified Male Dispenser (35-45) for Doctor's practice; experienced in usual routine, Book-keeping, etc.; salary commences £5 5s.; trustworthy position; permanency if suitable; applicants not answered in 14 days respectfully declined. Apply in first instance to 137/11, Office of this Paper.

SOUTH WALES.—Young Qualified Assistant of good appearance required. Apply, stating salary required, with full particulars and photograph, to Melville Thomas, The Square, Neath.

SURREY.—An intelligent Unqualified Lady Assistant; able to keep accounts and make attractive Window and Interior Displays; one with a knowledge of Pharmacy and Dispensing preferred; courteous Counter-manners and tactful Saleswoman essential; progressive berth for one with initiative and energy; full particulars of experience, age, salary (outdoors); letters not answered in 4 days respectfully declined. 138/46, Office of this Paper.

WESSEX.—Early November, experienced Assistant; must be gentlemanly and well recommended, courteous Counter-manners and tactful Salesman; careful Dispenser; Agricultural experience an advantage; high-class business. Apply, stating age, salary expected, together with photograph or snap, to be returned, 139/10, Office of this Paper.

A VACANCY in good-class Pharmacy for Junior Unqualified Assistant will be available November 16; applicant must be capable Salesman, good Window-dresser, with some knowledge of Photography. Give full particulars as to age, height, experience and salary required, also photo, to Blacklock & Co., The Square, Bournemouth.

ASSISTANT (male). Qualified or Unqualified. Full particulars of experience, age, height and salary required, to R. & J. Herman, Chemists, Aintree, Liverpool.

AT ONCE.—Qualified Assistant, single; elderly man not objected to, providing active, quick, good Salesman; middle-class Dispensing; photographic assistant kept. State salary, which must be moderate, to 9 Thurlstone Road, West Norwood, S.E.27. Phone: Streatham 7420.

PHOTOGRAPHS, TESTIMONIALS, &c.

When answering advertisements in this section applicants are strongly advised not to send (unless specially requested) ORIGINAL TESTIMONIALS or VALUABLE PHOTOGRAPHS. As can be readily understood, when an advertiser receives from 100 to 150 replies the task of returning photographs, testimonials, &c., is one of some difficulty.

CAPABLE Junior for Dispensing and Counter; please state full particulars as to age, height, experience, salary desired and when disengaged. Wiggin, Chemist, Ipswich.

CHEMIST-OPTICIAN, male, Qualified both branches, required as Head Assistant in central Pharmacy. Apply by letter, stating age, experience and wage required, to reach the Secretary, Co-operative Society, Ltd., Free School Lane, Lincoln, not later than Thursday, November 5, 1936.

HUBERT B. FIGG, Chemist, Berkhamsted, has a vacancy on his staff for a Qualified Assistant (either sex); send full particulars with application, together with photograph.

JUNIOR Assistant or Improver required for busy suburban business. Reply, stating age, experience, references, salary required, and enclosing photograph, to W. Bates & Co., Ltd., 50 Oxford Street, Southampton.

JUNIOR Assistant required for good-class Dispensing Business; Farnham, Surrey; commencing salary 45s. weekly. Apply, giving usual particulars, to Trimming & Co., Ltd., Chemists, Alton, Hants.

JUNIOR.—Good opportunity for Junior to gain experience Private Dispensing; easy hours; full particulars as to age, height, salary required, etc., in first letter; letters unanswered in 7 days respectfully declined. Skidmore, 1 Post Office Parade, Banstead, Surrey.

LADY Assistant required; Counter, Dispensing, etc. Full particulars, salary, experience, etc., to "H. B.," 56 Mile End Road, London, E.1. (Stepney Green 4070.)

LADY Assistant (22-26) required for good-class Business in Sussex; good knowledge of Toilet required; full particulars of experience, wages, etc., and photo if possible to 137/15, Office of this Paper. Applications not answered in five days respectfully declined.

LEWIS & BURROWS have a vacancy for a Qualified Assistant (male); applicants will kindly give full particulars of previous experience. 146 Holboru Bars, London, E.C.

MANAGER, Qualified, for West End branch; pref. with previous West End experience; good Window-dresser, personality, etc.; every support given to right, ambitious man. Apply firstly to Cassie & Co., Ltd., Chemists, 103 Newgate Street, E.C.1.

MANAGER (resident) required for business few miles west of London; must be good Salesman and Window-dresser and of good personality; free accommodation and electric light. Please write, stating age, salary required, and experience, to Lutons Chemists, Ltd., 7 High Street, Yiewsley, Middlesex.

MESSRS. BEWELLS, LTD., 19-21 Pitfield Street, London, N.1, have a vacancy for a Qualified Branch Manager, South-East London; N.H.I. Dispensing, Window-dresser; must be good Counter hand. Apply, with full particulars as to experience, salary required, to above address.

PART TIME.—Assistant for evenings, Tuesday, Wednesday, Thursday and Saturday, 5.30-8.30; alternate Sundays, 6 p.m. to 8 p.m. State experience and salary to Jones & Co., Chemists, 161 New Cross Road, S.E.14.

QUALIFIED Assistant for North London Pharmacy; accurate and systematic Dispenser and Salesman; Window-dresser an advantage. Please write full particulars, including age, copies of references, when free and salary, which must be moderate to commence, BM/JPHT, W.C.1.

QUALIFIED Assistant required, lady or gentleman, Kent Coast; capable Dispenser and Counter; moderate salary; comfortable situation. Full particulars, age, wage required, to 138/20, Office of this Paper.

QUALIFIED Assistant, male (as Superintendent), for Country Business; Dispensing, Counter and Photographic experience essential; well recommended; state full particulars in first letter of age, references, when at liberty and salary required (outdoors). Bertram Lane, Ltd., Chemists, Portishead, Bristol.

QUALIFIED Chemist as Superintendent, elderly, for S.E. district; capable Dispenser, N.H.I. and stock; state wages; living accommodation if desired. Replies to 140/2, Office of this Paper.

QUALIFIED Lady Assistant required North London. Apply, giving particulars of experience, age, salary required and when free, 137/18, Office of this Paper.

QUALIFIED Man required to manage branch shop. Applications, stating age, qualifications, names of two references, to be sent to Doncaster Co-operative Society, Ltd., 1 John Street, Doncaster, by October 27. Envelopes to be endorsed "Chemist." Canvassing members of the Management Committee will be a disqualification.

REQUIRED.—Qualified Manager for important business in Sheffield; applicants must be married, no family, possess undeniable references and ability to cope with high-class Dispensing and Medical Requirements; flat in good condition, electric light, provided. Forward particulars of experience, age, etc., Eardley & Furnival, 265 Glossop Road, Sheffield.

UNQUALIFIED Assistant, gentleman; experienced Dispenser and Counter. Please give full particulars, wages required and photo (if possible), Raynes Dispensing Chemists Ltd., 14 John Bright Street, Birmingham.

UNQUALIFIED Assistant (male) required; brisk middle-class business; good Window-dresser essential; applications unanswered in 6 days respectfully declined. Rowe, Chemist, 54 Fulham Palace Road, W.6 (3 minutes Hammersmith Broadway).

UNQUALIFIED experienced Assistant (age 35-40) for busy middle-class business; first-class Salesmanship, Counter manner and Window-dressing, with recent references as to character and ability essential; state when free for interview, particulars wages required, and experience: Durbins, Chemists, Kingston, Surrey.

WANTED.—A competent, Unqualified Assistant accustomed to high-class Dispensing and Retail business, with Photographic; well-appointed flat available for occupation on the premises; applicants desiring a permanency preferred; kindly state full details of former experience, age, height, salary required and when disengaged; enclose photo (returnable). D. T. Evans, Ltd., Chemists and Opticians, The Parade, Margate.

WANTED immediately, Lady, Unqualified, with Dispensing and Retail experience, good Counterwoman and Window-dresser, for new branch. Write, stating full details of experience, age, and salary required, to Lankester & Crook, Ltd., Obelisk Road, Woolston, Southampton.

WANTED, Qualified Assistant, lady or gentleman, for Panel Dispensing; easy post; hours short; permanent to suitable applicant. Phone: New Cross 1359.

WANTED.—Qualified Assistant (lady); part time might be considered. Full particulars to Shackletons Cash Chemists Ltd., 502 Great West Road, Hounslow, Middlesex.

WANTED, Unqualified Assistant, young, for good-class Retail and Dispensing business. Apply, stating age, experience and salary required, 131/13, Office of this Paper.

WANTED.—Young Unqualified male Dispenser; experienced N.H.I. and busy Counter; salary 50s.; fullest particulars by letter only; applicants not answered in 7 days respectfully declined. Chemist, 46A St. George's Road, S.E.1.

YOUNG Lady Counter Assistant, with knowledge of Book-keeping, required for high-class Pharmacy in Cheltenham. 289/491, Office of this Paper.

YOUNG, Unqualified, Male Assistant wanted for good-class business in Surrey; salary 52s. 6d. weekly. 139/7, Office of this Paper.

WHOLESALE.

LONDON Wholesale House require a Qualified Man for indoor position; some Wholesale experience an advantage; give full particulars. Write 289/490, Office of this Paper.

MIDLANDS.—General Wholesaler requires Assistant Despatch Clerk; all-round knowledge of Drugs, Sundries and Proprieties essential. Apply 289/476, Office of this Paper.

ACOMPETENT Checker by a Provincial Wholesale House. State age and experience to "Aloes," 289/475, Office of this Paper.

A NORTHERN Medical Transfer Agency can offer profitable recognition to Drug Travellers who have connexions with Medical Men. 289/477, Office of this Paper.

A PROMINENT Firm of Pharmaceutical Manufacturers requires additional Medical Representation for London and other territories. Write, stating qualifications, previous experience and salary asked, 289/489, Office of this Paper.

A VACANCY occurs for a young Qualified Pharmacist in the Laboratory of Manufacturing Chemists. 289/474, Office of this Paper.

"B-E-Z-E-B-E" HONEY is popular and in great demand. The company is extending its sales organisation; invitations are invited from commercial gentlemen with established connexion amongst Chemists to carry "B-E-Z-E-B-E" Preparations in addition to their regular lines; remuneration by arrangement. Communicate in strictest confidence with British Honey Bottlers, Ltd., Slough, Bucks.

EXCELLENT Side-line.—Camera Manufacturers require Live Representatives in nearly all parts of the country, with connexions among Photographic Dealers and Chemists, to carry exceptionally good line at popular price; applicants must give fullest particulars. P.C.B. 220/29, Office of this Paper.

EXPORT Invoicing Clerk required by Wholesale Druggists in London. Write, stating age, experience and salary required, 289/473, Office of this Paper.

REPRESENTATIVES wanted for Midlands and West Riding with good connexion with Retail and Wholesale Chemists for nationally advertised line; salary and commission; excellent prospects for the right man; applicants must state age, experience, if in possession of car, etc. Replies to 289/478, Office of this Paper.

REQUIRED for Research Department of large manufacturing firm, a fully-qualified Chemist (F.I.C. in food and drugs, and pharmacist preferred) with experience of research, manufacturing and marketing high-class pharmaceutical preparations. Reply, stating full particulars and salary required, 288/463, Office of this Paper.

WANTED by an old-established Manufacturing house, Traveller, on a commission basis, to sell English and French Lavender Oil, Camomile and Peppermint Oils, Chlorophyll, Gingerin and Capsicin, to the Soap, Perfumery and Confectionery trades; only those who have a connexion need apply; the carrying of other non-competitive lines not objected to. Apply 288/460, Office of this Paper.

WANTED.—Country Travellers to carry extra line of Medicated Wine on commission. Apply 289/482, Office of this Paper.

YOUNG Man, preferably Northern, with Retail knowledge, as Representative for London area; salary and commission. 139/28, Office of this Paper.

SITUATIONS WANTED.

RETAIL (HOME).

2s. for 18 words or less ; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

A.A.—M.P.S. (31), married, desires permanency where excellent London, Provincial experience can be utilised for business building; London district. "Chemist," 65 Leyborne Avenue, W.13. Ealing 2608.

A.A.—QUALIFIED (24), company and private service, desires post as Assistant or Manager; experienced all branches; specialised Photography; disengaged. Babb, 31 St. Edyths Road, Sea Mills, Bristol.

A.—RECENTLY Qualified (25) desires permanency as Assistant or Manager; 6 ft.; good appearance; reliable Salesman and Dispenser, with excellent references; keen Display and Photographics man; South or Midlands; free now. 138/26, Office of this Paper.

A COMPETENT Dispenser, accustomed to high-class business, desires permanency in London area; disengaged; thorough knowledge of Pharmacy; tall; interview. "T. H.," 40 Woodfield Drive, Gidea Park, Essex.

A QUALIFIED Assistant or Manager (30), single, thoroughly experienced in all branches, desires permanency; disengaged. F. G. Tolman, "Cranmere," Taunton Road, North Petherton, Bridgwater, Somerset. Telephone: North Petherton 47.

ASSISTANT; all-round experience Dispensing, Counter, Prescribing; single, active, elderly; Unqualified; moderate terms. "Statim," 98 Lockwood Road, Lockwood, Huddersfield.

ASSISTANT, Unqualified, middle-aged; live wire; good all-round Dispensing, Counter, Photography, etc.; permanency preferred; free any time; excellent references. Turner, 51 Ceres Road, Plumstead, S.E.18. Tel.: Rel. 1754.

ASSISTANT (27), Unqualified; all-round experience Dispensing, Counter, Window-dressing; London preferred. "Advertiser," 44 Turneville Road, W.14.

ASSISTANT (25), Unqualified; past year West End; excellent references; free; West End or S.E. Steven, 32 Raul Road, Peckham, S.E.15.

CHEMIST-OPTICIAN, M.P.S., F.S.M.C. (J.C.Q.O. Reg.) (24), 4 years' West End experience, seeks position, London preferred; start immediately. P.C.B. 220/39, Office of this Paper.

DISPENSING required by experienced Qualified man; well recommended; short hours if possible. 289/485, Office of this Paper.

EVENINGS.—Qualified Pharmacist-Optician offers services; experienced; London only; Retail or other capacity. "M.P.S.," 252 Barry Road, S.E.22.

EXPERIENCED Assistant (45), tall, Unregistered, desires berth where genuine capabilities will be appreciated; conscientious and trustworthy; permanency or locum entertained; disengaged. Haigh, 25 Hetley Road, Shepherd's Bush, W.12.

EXPERIENCED Qualified Locum; single; abstainer; winter engagement wanted; free October 26; England or Scotland. James Lees, Beechwood, New Cumnock, Ayrshire.

LADY Dispenser (Hall) seeks post; London or Essex preferred. Miss D. Lawrence, "Wican-Croft," Hawkwell Chase, Hockley, Essex.

LADY Dispenser, Hall, trained nurse, desires post with Doctor or Chemist; quick Dispenser. Forrest, 81A The Broadway, Bexley Heath.

LOCUM, Qualified; disengaged until November 9; experienced and reliable. Flood, 84 Crescent Lane, Clapham, S.W.4.

MANAGER, Locum, Supervisor; experienced all branches; Qualified; reliable; active; London or Suburbs; state salary, hours, etc.; interview arranged. 138/7, Office of this Paper.

MANAGER or locum; Qualified Chemist and Optician; preferably Midlands; would consider managing country business with view to succession. 132/3, Office of this Paper.

MANAGER, Qualified; married (37); free shortly; London or near. 138/3, Office of this Paper.

M.P.S., JUST Qualified, tall, desires post; permanency preferred; all-round experience; Dispensing, Counter, Window-dressing and Photography; excellent references. Robert Mason, 7 Studley Terrace, Chapeltown, Leeds, 7.

M.P.S. (MIDDLE-AGED); active Manager, Superintendent or part time; disengaged November 2. "C.," "Piako," South Street, Tarring, Worthing.

NAMES AND ADDRESSES.

When sending advertisements for any of the sections in this Supplement, advertisers—as a guarantee of good faith and not necessarily for publication—should always give their names and addresses. It sometimes occurs that this rule is not followed and delay and disappointment ensue. Strict attention to this detail will be appreciated.

MIDDLE-AGED M.P.S.: good all-round experience; Manager, Dispensing; reliable. J. M., 29 Cantley Road, Boston Manor, W.7.

PART-TIME evenings situation wanted by Unqualified with 5 years' high-class experience. H. H., 49 Kensington Park Road, W.11.

PART-TIME required by Pharmacist (age 37); good pay for hard work; London; no cover jobs considered. 139/16, Office of this Paper.

PHARMACIST desires Managership, London or Suburbs; energetic; experienced business builder; conscientious, reliable. Stronach, 18 St. John's Road, Isleworth.

QUALIFIED as Manager or Assistant in position of responsibility; high-class Dispensing, Photo and Retail experience; nearly 26; disengaged. Westlake, 15 St. James Street, Okehampton, Devon. Phone: 114.

QUALIFIED Chemist, Optician, Chiropodist; splendid references; locum or permanency; available immediately; terms moderate. Chemist, 6 Duke Street, Buxton.

QUALIFIED Chemist-Optician (26) desires post Manager busy London Pharmacy; Photographics, Dispensing, Prescribing; used taking charge; good character and references. Jones, 25 Hungerford Road, London, N.7.

QUALIFIED Manager or Assistant (28); 11 years' experience London, suburban, seaside and country; reliable Dispenser, good Window-dresser; trustworthy and conscientious; disengaged. Robinson, 87A High Street, Bromley, Kent.

QUALIFIED, single (33), desires change shortly; all-round experience; 6 years managing; excellent references; permanency; London area. 138/15, Office of this Paper.

QUALIFIED, "Square-trained" (28), desires position as Manager or Senior in good-class Pharmacy where business acumen and ability required; keen, forceful Salesman and stylish Window-dresser; excellent experience, including Continental and Medical Dispenser; free in one month. 138/22, Office of this Paper.

QUALIFIED, trustworthy, middle-aged, requires management; £4 16s. 6d.; free one month. 289/484, Office of this Paper.

QUALIFIED (45); experienced all branches; good references; 6 years last situation; disengaged; as locum or permanency. "Chemist," 13 London Road, High Wycombe.

QUALIFIED (35), Manager; keen business man; experienced all classes business; Dispensing, Buying, Window-display; London or Suburbs. 138/47, Office of this Paper.

QUALIFIED (24) seeks post as Manager or Assistant; capable, reliable and conscientious; good references; experienced all branches. Cyril Joseph, 2 Ladbroke Crescent, Ladbroke Grove, W.11.

QUALIFIED (25), tall, as Manager in the Eastern Counties; thoroughly experienced in all branches, London and country; free one month. 138/6, Office of this Paper.

RECENTLY Qualified (23), tall, good appearance, desires post, South-East England; first-class Dispenser; all-round experience high-class City business; excellent references. Graham, Croft House, Wigton, Cumberland.

REFERRED Part II, male (21), keen, energetic, requires situation; abstainer; good Counter hand and Dispenser; moderate salary; free now; excellent references. "Price," Mardy Lodge, Aberdare, Glam.

SCOTCH Qualified Lady; free November 2; high-class experience, London and North; good Saleswoman; genuine references. Apply 138/4, Office of this Paper.

UNQUALIFIED Assistant (male) desires post in good-class Pharmacy immediately; completed apprenticeship in well-known West-End Pharmacy and passed Part I; good Dispenser. "G. B. W.," 1 Asmara Road, N.W.2. Ham 3946 after 7 p.m.

UNQUALIFIED Assistant (male), Part I, requires post near home; Retail experience. Jenkins, 2 St. John's Road, Birmingham, 17.

UNQUALIFIED Assistant, West End and City, good Counter, Dispensing and all-round experience, desires situation. 139/23, Office of this Paper.

UNQUALIFIED, at present with South Coast Multiple firm, desires change nearer home; London preferred, but not essential; West-End experience, Dispensing, Counter, Photo, etc. 137/7, Office of this Paper.

UNQUALIFIED Junior (22), Part I, seeks position in good-class Pharmacy; Dispensing, Counterwork preferred; free one month. 138/17, Office of this Paper.

UNQUALIFIED (23); good appearance and address; 5 years' London experience; whole or part time; free now; interview. 138/2, Office of this Paper.

UNQUALIFIED (27), single; 2½ years' Retail Pharmacy experience; good Window-dresser; thorough knowledge Patents, Toilets, Horticulture; fair knowledge of Dispensing and Photographics; secondary school education; Welsh-speaking; licensed driver; good references; seeks post, Retail, Wholesale or as Representative. 289/492, Office of this Paper.

WINDOW-DRESSING.—Wednesday and Thursday afternoons; late evening duties; London. Phone ADVance 2113. Write "M.P.S.," 18 Wyatt Road, Forest Gate, E.7.

YOUNG Lady (Part II refer.) requires part-time post, London, evenings and week-ends; good business experience. P.C.B. 220/30, Office of this Paper.

YOUNG Lady, Qualified, 6 years' all-round experience, excellent testimonials, desires post in London, N. and N.W. districts preferred. Gibbens, 44 Broadwater Road, N.17.

YOUNG Lady requires post as Unqualified Assistant; London; passed Part I; completed apprenticeship; well trained in Dispensing, Counter and Window-dressing. Write H. Davey, 17 Chesilton Road, S.W.6.

YOUNG Lady, 7 years' experience in Pharmacy, Toilet, Dispensing, good Window-dresser, seeks situation, London or Ilford districts. 134/6, Office of this Paper.

WHOLESALE.

A REPRESENTATIVE; valuable Chemists' and Doctors' connexion in South-Eastern and Western Counties; salesmanship and propaganda on neglected ground a speciality; good appearance and address; own car; successful. P.C.B. 220/35, Office of this Paper.

A DVERTISER (25), fully conversant with the manufacture of Cosmetics, Tablets, Pharmaceuticals, etc., requires position. 136/7, Office of this Paper.

A DVERTISER, 25 years Wholesale Drug Trade, desires inside or Representative engagement with reputable house in the North. 136/8, Office of this Paper.

A N Experienced Representative, with extensive live London connexion Stores, Chemists, Wholesale, Retail, splendid sales record, wishes to join known firm; undeniable references; car; salary and/or commission, etc. 138/11, Office of this Paper.

E XPERT Toilet and Perfumery Salesman; 10 years' London experience; now disengaged. "Adco," 15A Delamere Street, W.2.

G ENTLEMAN, having 6 years' high-class Retail experience, wishes correspondence with firms of repute with view representation; knowledge French and German. 138/44, Office of this Paper.

M ANAGER-BUYER, valuable experience in Drugs, Chemicals, Proprietary articles, etc., will be at liberty shortly and desires similar appointment in London or Provinces. 129/9, Office of this Paper.

CLEAR OUT—your Old or Damaged Stock of Photo Goods.
Why keep them any longer? Turn them into CASH.
I GIVE BEST PRICES for Old Films (damaged, fogged or expired dates); Packet Papers. Cards (any sizes). Old Photo Goods or Cameras. Bromide Papers. Plates (all sizes, all makes). Send any goods in the photo line. I buy all, good or bad. Cash per return. A good price for all Cameras. Send them along.
S. E. HACKETT, 23 July Road, Liverpool
[CHEMISTS ONLY]

OPEN for Appointment with established house or progressive firm introducing sound proposition; thoroughly experienced Representative, possessing valuable personal connexion with the leading Wholesale and Retail Chemists, Hairdressers, and Co-operative buyers in Lancs, Cheshire and the North; excellent references. 139/12, Office of this Paper.

PROFESSIONAL AND/OR TRADE PROPAGANDA, SALES.—Responsible, healthy Representative; long and profitable experience; own car; in excellent standing with all past employers and clientele; Doctors, Chemists, Licensed, Wholesale/Retail Traders; every investigation courted. "Stability," General Gordon Hotel, Weymouth.

QUALIFIED (34), own car, desires position as Representative where confidence in his own ability will be of financial value; excellent Retail experience and references. 136/2, Office of this Paper.

RECENTLY Qualified (23), tall, fair, excellent references, desires post as Representative to good Pharmaceutical House, home or abroad. Write "Chemist," c/o Haslam, Kiln Croft, Warton, Carnforth.

YOUNG Man (20); knowledge of fine Chemicals, Citrates, Iodides, Toilet Preparations; experienced; secondary education; references. G. H. Kogel, 4 Ellesmere Street, Poplar, E.14.

WEST LANCASHIRE.—Chemists' Proprietaries Representative desires part-time appointment; strong established connexion Chemists, Druggists, Stores; highest credentials; guarantee; pioneer; nominal salary, commission. Bowley, 2 Hill Side, Kendal.

FOR SALE.

6s. for 50 words or less; 6d. for every additional 10 words or less, prepaid. (Box No., 1s. extra.)

(Articles to the value of £5-£50.)

CASH TILL; "National" type; prints all details and shows total inside; in working order; bargain. Write, P. Farr, 55 Fairholme Road, West Kensington, W.14.

HYDRAULIC Essence Extracting Tincture Press by Tangye, double action pump; nearly new; full guarantee; cheap. All particulars, The Caffree Coffee Co., Bath.

TABLET Machine, "Stokes" single punch, makes up to 3-in. tablet; seven sets of dies. Also Stokes wet Granulator. Both for power; perfect running order. Kemdent Works, Denmark Road, Ealing, W.13.

EXCHANGE COLUMN.

2d. per word, minimum 2s. (Box No., 1s. extra.)

WANTED.

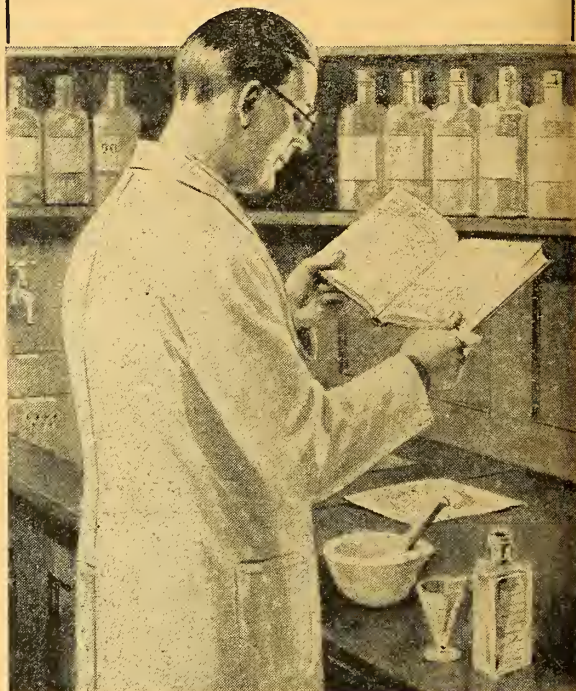
CASH TILL, "National" preferred; age immaterial if working. Details, price, etc., P.C.B. 220/23, Office of this Paper.

MARBLE Mortar, 12 to 14 in. diameter. Wharrams, 27 Eastgate, Leeds, 2.

SECOND-HAND Tablet Machines, hand or power, with punches and dies. Full particulars 289/481, Office of this Paper.

WANTED.—A Formula for making a Transparent Methol Jelly. P.C.B. 220/38, Office of this Paper.

NEW EDITION of an invaluable Book



DISEASES and REMEDIES

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You can secure a copy by return of post for remittance value 7s. 10d. to The Publisher

The

CHEMIST AND DRUGGIST
 28 ESSEX STREET, STRAND, LONDON, W.C.2



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Name and Address of
your nearest
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distributor?*

"National"

Dispensing Bottles

are Strong, Serviceable and Suresealing!

NEATLY PACKED IN 3 AND 6 DOZEN SIZE, NON-RETURNABLE CARTONS

- ★ CONVENIENT IN SIZE
- ★ EASY TO HANDLE
- ★ UNIFORM IN QUANTITY

CARTONS OF EITHER 3 or 6 doz. BOTTLES
THROUGHOUT THE RANGE

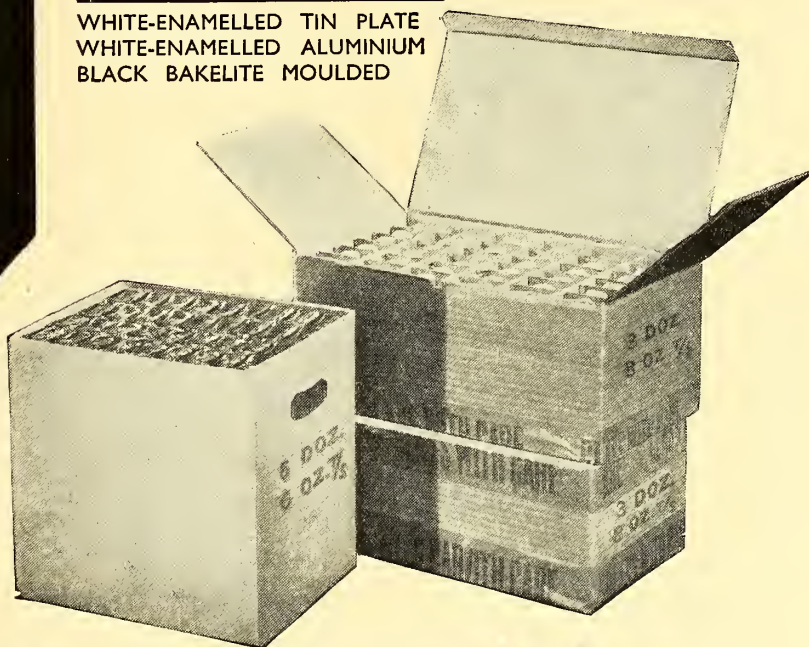
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WHITE-ENAMELLED ALUMINIUM
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WORKS :
FISHERGATE, YORK

'Phone: HOLborn 2146

First Avenue House, High Holborn, London, W.C.1
(WHOLESALE ONLY)



True Success Story



HORLICK'S as a product has long stood right at the head of its class. You know that already. But Horlick's has done more than that. It has harnessed the forces of advertising and created a mighty selling machine which sends the Horlick's message surging across the country as regularly and irresistibly as the tides of the sea. Perhaps you think this last bit high-falutin? All right, then — we'll examine the facts in cold blood.

TAKE the Press campaigns for a start. They are the most important. It does not matter which national daily you happen to take — you're bound to know the clever drawings and dialogues telling the Horlick's story in dramatic real-life form. (Incidentally the "News of the World" and "The People" will both carry Horlick's advertising in future, increasing the advertisements published by many millions.) Then, of course, there are the magazines. . . . Turn on your wireless. There's the Horlick's story again.

Then there is the cinema. Horlick's are now producing films in colour, riotously funny puppet cartoons, made by Georges Pal, world-famous in this new technique. You'll see them soon in your own cinema.

★ ★ ★

These are the more important facts about Horlick's advertising. Are you getting your full share of benefit? Are your stocks kept up and your windows and counter alive with display material to link you up with these nation-wide campaigns? Think it over.

